



Dolph Microwave Co., Ltd.

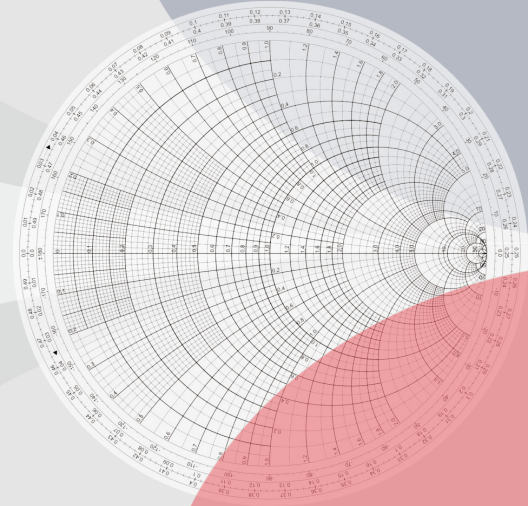
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PRODUCT BROCHURE

High quality RF and Microwave Connectors & Cable Assemblies.

Dolph Microwave Co., Ltd.



COMPANY PROFILE

WHO WE ARE?

Dolph Microwave was founded in 2001 with predecessor from previous state owned 806 Factory. Based on design and manufacturing experience over 20 years, reliable microwave components and satcom antenna help us win good reputation in satellite communication and space exploration fields.

Product line(Featured product) includes coaxial adapter, WG termination, attenuator, WG bend/straight/twist, pressure window, standard gain horn, WG coupler as well as earth station, drive away and quick deploy antenna etc. Product "Quality Manual" and "Quality Procedure" is compliant with ISO9001-2015.

Knowing the specific requirements of each customer so as to provide satisfactory products and systems. We look forward to cooperating with you in microwave and satellite communication fields.

RESEARCH & DEVELOPMENT

Dolph Microwave has leading R&D ability of microwave components and antenna feeds. Required specification is realized based on wide skills in CAD/solid modeling/RF simulation/prototype design etc. Completed test devices help to reduce time cycle from design to R&D, making the whole process more efficient and guaranteed. In addition, we keep closed cooperation with well partners in this industry to offer competitive products for customers.

MICROWAVE PROJECT DESIGN

Advanced electromagnetic design tools is used to design Dolph products, which include:

01 CST studio for feed, OMT, filter, phase shifter.

02 The latest CUDA GPU technology.

03 GRASP & POS from TICRA for designing & optimizing antenna optical parts such as multiple beams, dual optical parts, shaped reflector.

04 QuickWave-V2D for designing axial symmetry equipment such as feed, filter, standard gain antenna. Our testing facility takes key role in Dolph Microwave's continuous development, including the advanced 100GHz compact testing system.

MACHINE DESIGN & PRODUCTION

Our experienced mechanical engineers assure product mechanical integrity and working life, including Solidworks Flow Simulation (CFD), ANSYS and Solidworks finite element software. Wind tunnel test is by external wind tunnel to confirm computer simulation. Advanced FARO and LEICA laser scanner is used for RMS test, key size of reflecting mirror and other parts. Lab built with a salt-fog chamber to test if the paint or pre-painted metal parts meet ASTM B117. And we use environmental test chamber to test influence for microwave components structure and feed element from the extreme cold or hot environment.

SPACE QUALIFIED COMPONENTS

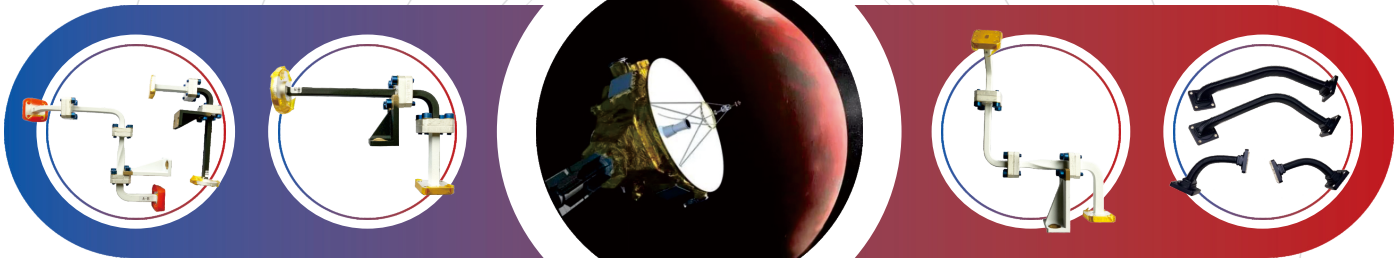
Dolph Microwave is one of leading manufacturer on space qualified waveguide accessories, kits and components for space flight industry. Namely TVAC application. It's our honor to offered components to China Satellite Network Group, ShenZhou launch, Thales TVAC lab test and Airbus TVAC lab test and others.

Superior manufacturing techniques and advanced materials is our pursue, which allows us to surpass our competition in manufacturing technology, compact structure and light weight for special required space qualified components.

Components of Space Qualified Components can be manufactured varieties both standard and customized including waveguide to coaxial adapter, twist, straight, bend, transition and other customized composite bend waveguide etc. Latest space qualified components includes water cooled components, lightweight cast mitered waveguides, silver plated waveguides. Featured with low loss, mm wave, thin wall, composite multi bend in 1pcs runs to save weight, space and much more.

These components also can be used in many scientific satellites and space systems. including earth station, Space flight and high temperature, vacuum, test chamber. With features below.

- Up / Down Link Components
- Wide Range of Waveguide & Coax
- Better Specs, Less Expensive
- Commercial / Military / Scientific
- Lightweight
- Standard or Thin Wall
- High Performance and High Temperature
- Vacuum Ready
- Performance under Acceleration Loads- Long Life and Durability
- Meets or exceeds Mil-Specs
- No Outgassing Materials and Coatings
- Water Cooled Components
- High Performance



High quality RF and Microwave
Connectors & Cable Assemblies.

High quality RF
Microwave Connectors
Cable Assemblies.

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Coaxial Connector

SMA

Type SMA is one kind of RF coaxial connectors which is small-sized thread coupling, and its characteristic impedance is 50 Ω. This type of connectors has the excellent performance of high reliability, high mechanical strength, high durability and optimum electrical properties, which are widely used in the connection of RF circuit of mobile communication equipment and electrical instruments. The interface mating dimensions and technical characteristics are according to the standard of MIL-C-39012, IEC169-15 and CECC22110.

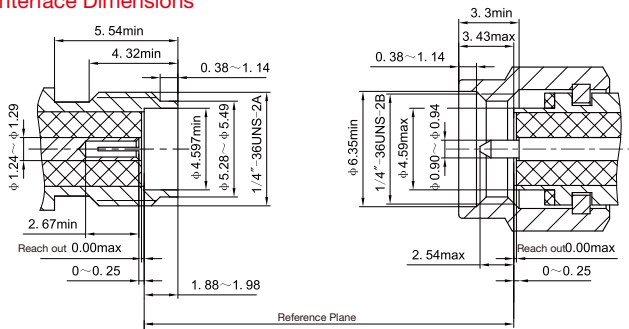
Key Performance

Characteristic Impedance	50 Ω	Frequency Range	DC~18GHz
Insulation resistance	≥5000M Ω	Dielectric Withstanding Voltage	1000V
Contact Resistance	Center Conductor ≤3.0m Ω, Outer Conductor ≤2.0m Ω		
VSWR	Straight ≤1.05+0.012F (Ghz)	RF Insertion loss	Straight ≤0.05√F(GHz) dB
	Right Angle ≤1.06+0.015F (Ghz)		Right Angle ≤0.08√F(GHz) dB
Durability	500 times		

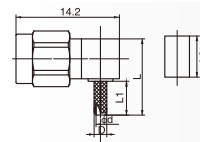
Materials & Plating

Central Contacts	Female Center Contacts	Brass, Gold Plating	Body and other Metal Parts	Brass, Gold Plating
		Beryllium, Gold Plating		Stainless Steel, Passivated
Insulators		PTFE	Gaskets	Sillion Rubber

Interface Dimensions



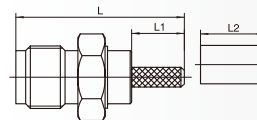
SMA-JW2 etc.



Type	L	L1	L2	Cable type
SMA-JW2	13	5.7	6.5	SFF-50-1 SYV-50-1
SMA-JW3	13	5.7	6.5	SFF-50-1.5-1 SYV-50-2-1
SMA-JW4	16	8	10	SFF-50-2-2 SYV-50-2-2
SMA-JW5	18	10	12	SFF-50-3-1 SYV-50-3-1



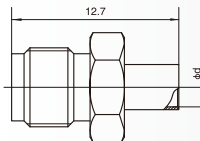
SMA-K3etc.



Type	L	L1	L2	Cable type
SMA-K3	17	5.6	6.5	SFF-50-1.5-1 SYV-50-2-1
SMA-K4	20	8	10	SFF-50-2-2 SYV-50-2-2
SMA-K5	22	10	2	SFF-50-3-1 SYV-50-3-1



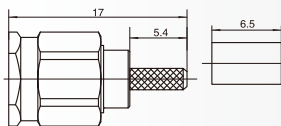
SMA-KB2etc.



Type	d	Cable type
SMA-KB2	φ2.2	SFT-50-2-1
SMA-KB3	φ3.6	SFT-50-2-1



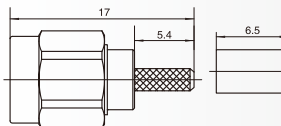
SMA-JC3



Type	Cable type
SMA-JC3	SFF-50-1.5-1 SYV-50-2-1



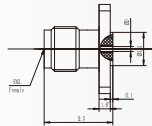
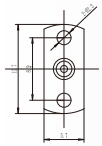
SMA-J3



Type	Cable type
SMA-J3	SFF-50-1.5-1 SYV-50-2-1



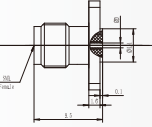
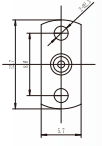
SMA-KFD8.9



Type	D
SMA-KFD2912	0.012inch / 0.30mm
SMA-KFD2915	0.015inch / 0.38mm
SMA-KFD2918	0.018inch / 0.46mm
SMA-KFD2920	0.020inch / 0.51mm



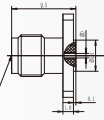
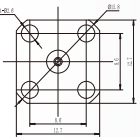
SMA-KFD8.6



Type	D
SMA-KFD2812	0.012inch / 0.30mm
SMA-KFD2815	0.015inch / 0.38mm
SMA-KFD2818	0.018inch / 0.46mm
SMA-KFD2820	0.020inch / 0.51mm



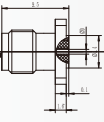
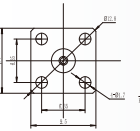
SMA-KFD4-12.7



Type	D
SMA-KFD4912	0.012inch / 0.30mm
SMA-KFD4915	0.015inch / 0.38mm
SMA-KFD4918	0.018inch / 0.46mm
SMA-KFD4920	0.020inch / 0.51mm



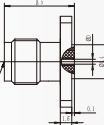
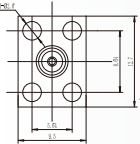
SMA-KFD4-6.35



Type	D
SMA-KFD4612	0.012inch / 0.30mm
SMA-KFD4615	0.015inch / 0.38mm
SMA-KFD4618	0.018inch / 0.46mm
SMA-KFD4620	0.020inch / 0.51mm



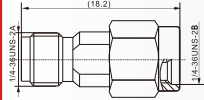
SMA-KFD4-5.64



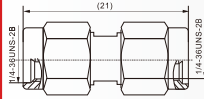
Type	D
SMA-KFD4512	0.012inch / 0.30mm
SMA-KFD4515	0.015inch / 0.38mm
SMA-KFD4518	0.018inch / 0.46mm
SMA-KFD4520	0.020inch / 0.51mm



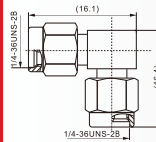
SMA-JK



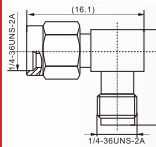
SMA-JJ



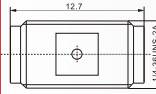
SMA-JWJ



SMA-JWK

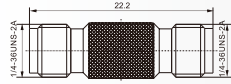


SMA-KK

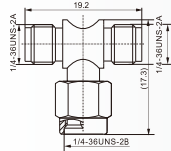




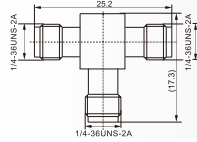
SMA-KK1



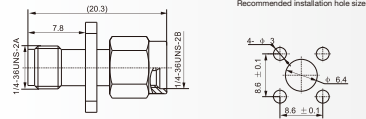
SMA-KJK



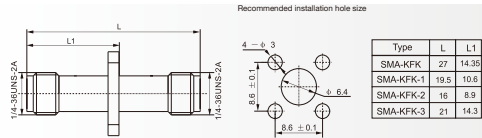
SMA-KK1



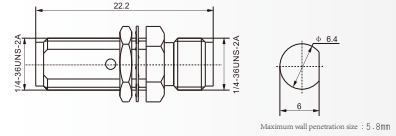
SMA-KFJ



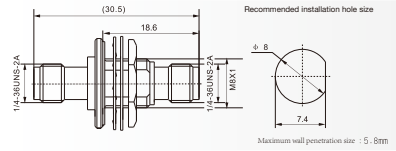
SMA-KFK etc.



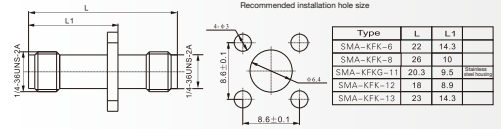
SMA-KYK



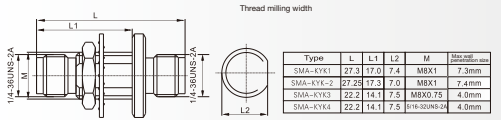
SMA(M)-KKY (Water seal)



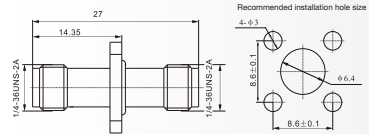
SMA-KFK-6 etc.



SMA-KYK1 etc.

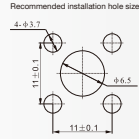
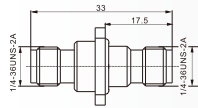


SMA(S)-KFK

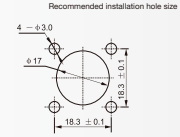
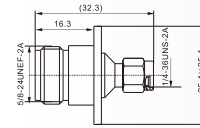




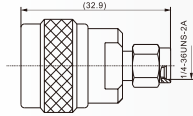
SMA(M)-KFK-1(Airtight seal)



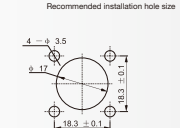
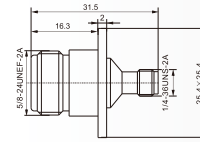
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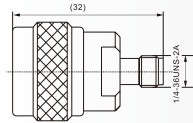
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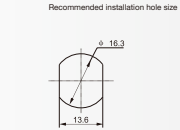
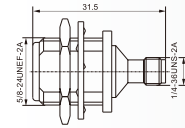
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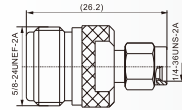
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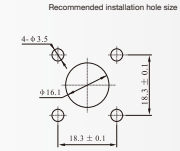
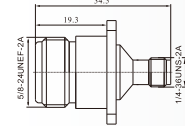
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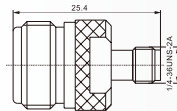
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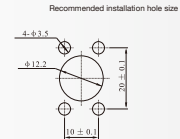
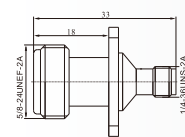
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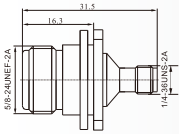


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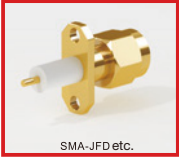
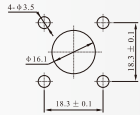




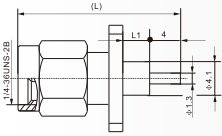
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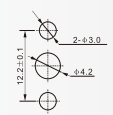
Recommended installation hole size



SMA-JFD etc.



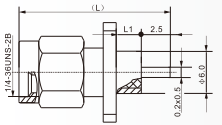
Recommended installation hole size



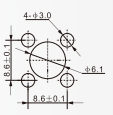
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SMA-JFD	25.4	8.6
SMA-JFD23	18.7	2.0



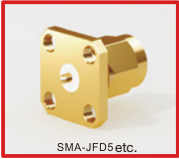
SMA-JFD etc.



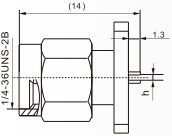
Recommended installation hole size



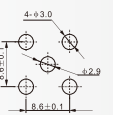
Type	L	L1
SMA-JFD1	17.8	2.4
SMA-JFD2	18.6	3.2
SMA-JFD3	20.2	4.8
SMA-JFD4	19.4	4.0



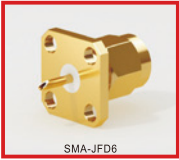
SMA-JFD5 etc.



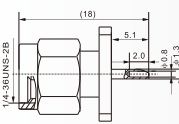
Recommended installation hole size



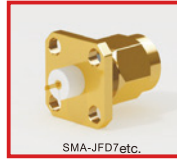
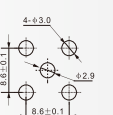
Type	h
SMA-JFD5	0.5
SMA-JFD9	0.2



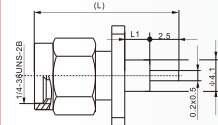
SMA-JFD6



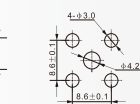
Recommended installation hole size



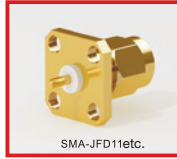
SMA-JFD7 etc.



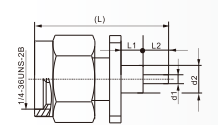
Recommended installation hole size



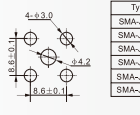
Type	L	L1
SMA-JFD7	18.6	3.2
SMA-JFD8	19.4	4.0
SMA-JFD21	17.6	2.4



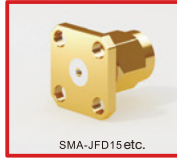
SMA-JFD11 etc.



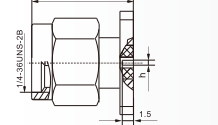
Recommended installation hole size



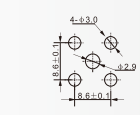
Type	L	L1	L2	d1	d2
SMA-JFD11	18.7	2.4	0	φ1.3	φ4.1
SMA-JFD12	23.1	8.4	2.0	φ1.3	φ4.1
SMA-JFD13	25.1	8.4	4.0	φ1.3	φ4.1
SMA-JFD14	17.3	4.0	0.6	φ0.4	φ4.1
SMA-JFD33	24.8	4.0	0.1	φ1.3	φ4.1
SMA-JFD84	23.3	3.0	0.0	φ1.3	φ4.1



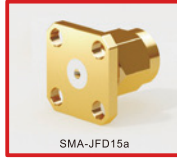
SMA-JFD15 etc.



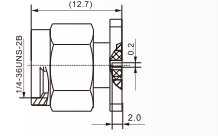
Recommended installation hole size



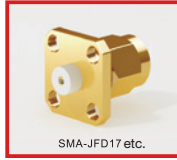
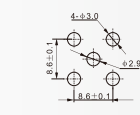
Type	h
SMA-JFD15	0.2
SMA-JFD16	0.4



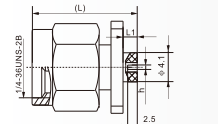
SMA-JFD15a



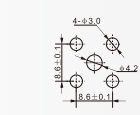
Recommended installation hole size



SMA-JFD17 etc.



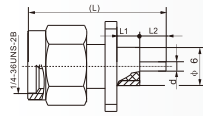
Recommended installation hole size



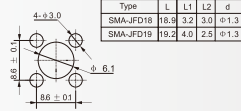
Type	L	L1	h
SMA-JFD17	15.7	3.0	0.2
SMA-JFD71	14.9	2.0	0.4



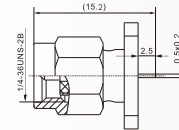
SMA-JFD18 etc.



Recommended installation hole size



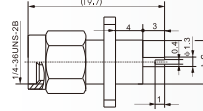
SMA-JFD33



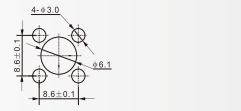
Recommended installation hole size



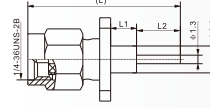
SMA-JFD20



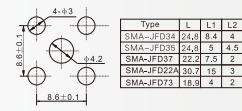
Recommended installation hole size



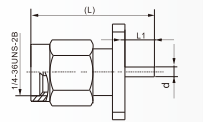
SMA-JFD34 etc.



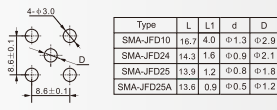
Recommended installation hole size



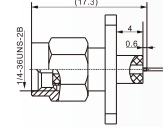
SMA-JFD10 etc.



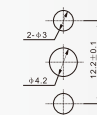
Recommended installation hole size



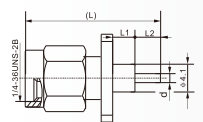
SMA-JFD14AG



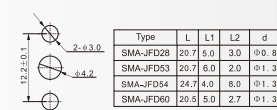
Recommended installation hole size



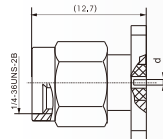
SMA-JFD28 etc.



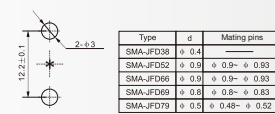
Recommended installation hole size



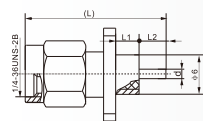
SMA-JFD38 etc.



Recommended installation hole size



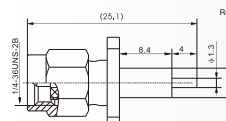
SMA-JFD27 etc.



Recommended installation hole size



SMA-JFD13G

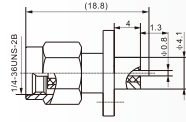


Recommended installation hole size

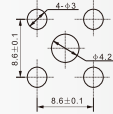




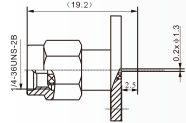
SMA-JFD55



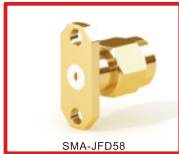
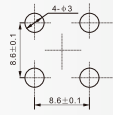
Recommended installation hole size



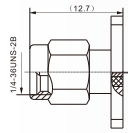
SMA-JFD56



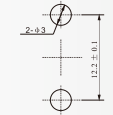
Recommended installation hole size



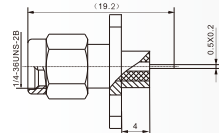
SMA-JFD58



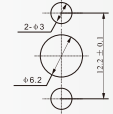
Recommended installation hole size



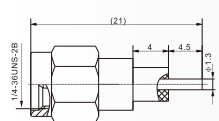
SMA-JFD59



Recommended installation hole size



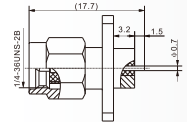
SMA-JFD61



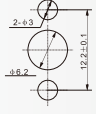
Recommended installation hole size



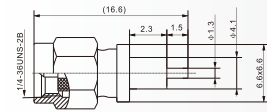
SMA-JFD62



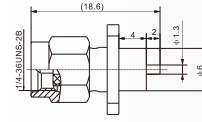
Recommended installation hole size



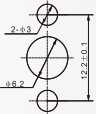
SMA-JFD65



SMA-JFD67 SMA-JFD68G



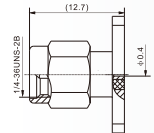
Recommended installation hole size



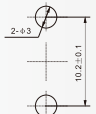
Note : SMA-JFD67 Gold-plated shell



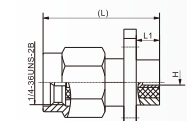
SMA-JFD70



Recommended installation hole size



SMA-JFD72 etc.



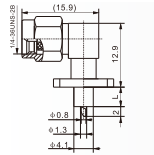
Recommended installation hole size



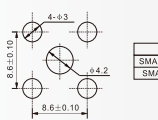
Type	L1	L2	H
SMA-JFD72	16.9	4	0.2
SMA-JFD63	15.9	3	0.4



SMA-JWFD3G etc.



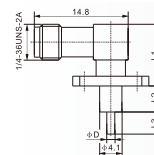
Recommended installation hole size



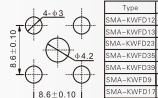
Type	L	
SMA-JWFD3G	4	
SMA-JWFD7	2.5	Strongly recommended



SMA-KWFD12 etc.



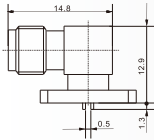
Recommended installation hole size



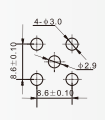
Type	L1	L2	L3	D
SMA-KWFD12	11.4	8.6	6.3	1.3
SMA-KWFD10	11.4	4.1	3.5	1.3
SMA-KWFD21	10.9	4	5	1.3
SMA-KWFD34	12.9	5	3	1.3
SMA-KWFD20	12.9	7	8.5	1.3
SMA-KWFD9	12.9	0	3.8	1.3
SMA-KWFD17	12.9	11.2	2	0.8



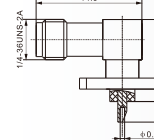
SMA-KWFD



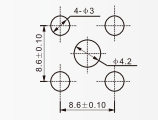
Recommended installation hole size



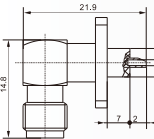
SMA-KWFD10



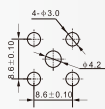
Recommended installation hole size



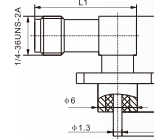
SMA-KWFD7



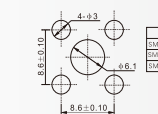
Recommended installation hole size



SMA-KWFD21



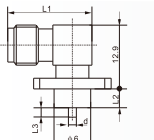
Recommended installation hole size



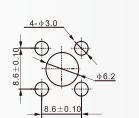
Type	L1	L2	L3
SMA-KWFD21	23.3	4	1
SMA-KWFD30	14.9	4	1
SMA-KWFD16	14.9	3	0



SMA-KWFD2 etc.



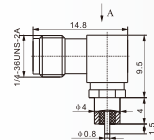
Recommended installation hole size



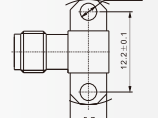
Type	L1	L2	L3	d
SMA-KWFD2	14.8	4	2	0 1.3
SMA-KWFD11	14.8	2.4	5	0 1.3
SMA-KWFDZ1	23.3	4	2	0 1.3



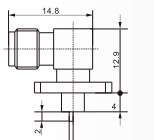
SMA-KWFD29



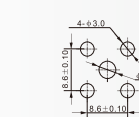
Recommended installation hole size



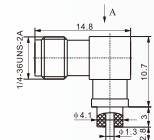
SMA-KWFD3



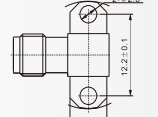
Recommended installation hole size



SMA-KWFD37

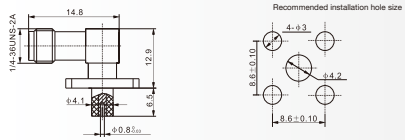


Recommended installation hole size

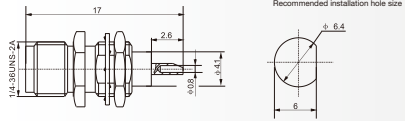




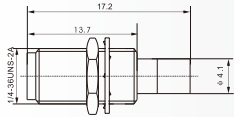
SMA-KWFD42



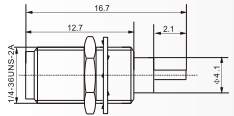
SMA-KYD



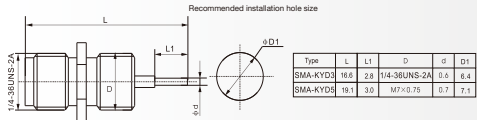
SMA-KYD1



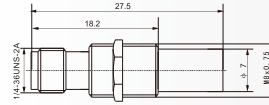
SMA-KYD2



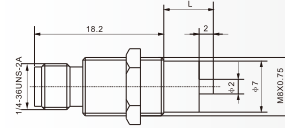
SMA-KYD3 etc.



SMA-KYD14



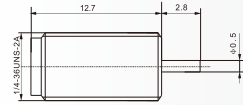
SMA-KYD14A etc.



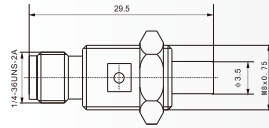
Type	L
SMA-KYD14A	9.4
SMA-KYD14B	14



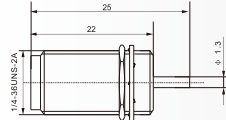
SMA-KYD18



SMA-KYD22

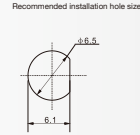
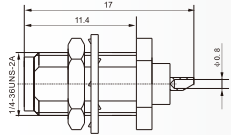


SMA-KYD23

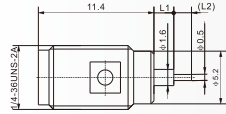




SMA-KYD26



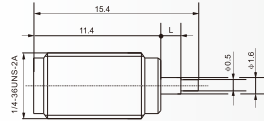
SMA-KYD27 etc.



Type	L1	L2
SMA-KYD27	1.6	(2.4)
SMA-KYD28	2.1	(1.9)



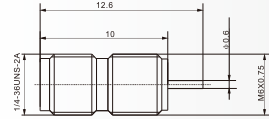
SMA-KYD27G etc.



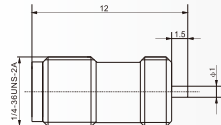
Type	L
SMA-KYD27C	1.6
SMA-KYD28G	2.1



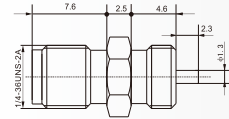
SMA-KYD30



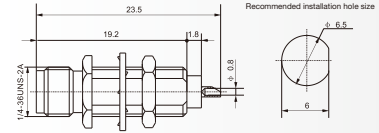
SMA-KYD31



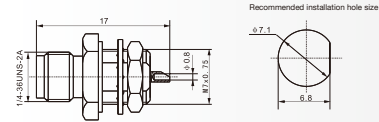
SMA-KYD32



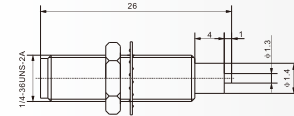
SMA-KYD35



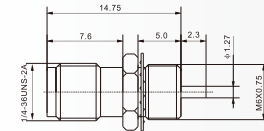
SMA-KYD36



SMA-KYD37

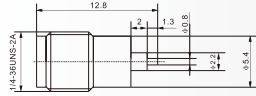


SMA-KYD38

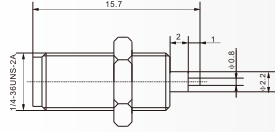




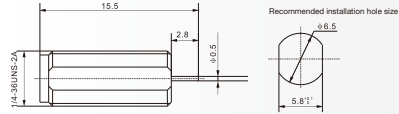
SMA-KYD39



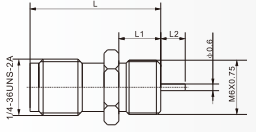
SMA-KYD40



SMA-KYD41



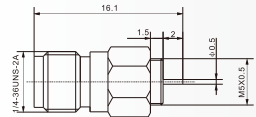
SMA-KYD42etc.



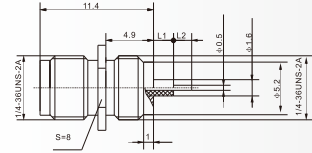
Type	L	L1	L2
SMA-KYD42	13	4	2.6
SMA-KYD46	14.2	3.2	2
SMA-KYD48	11.8	5.5	2.6



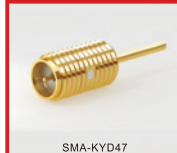
SMA-KYD43



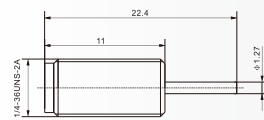
SMA-KYD44G etc.



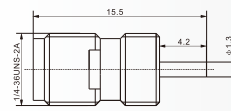
Type	L1	L2
SMA-KYD44G	1.6	2.4
SMA-KYD45G	2.1	1.9



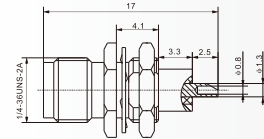
SMA-KYD47



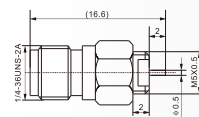
SMA-KYD50



SMA-KYD51

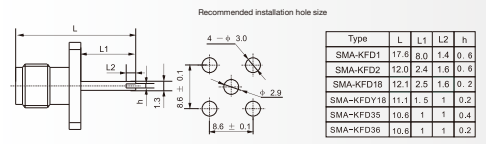


SMA (M) -KYD (Airtight seal)

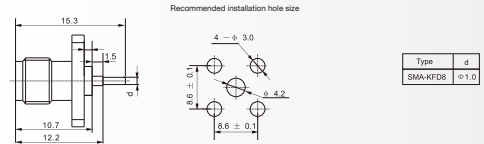




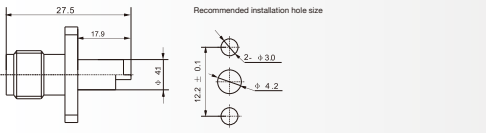
SMA-KFD1 etc.



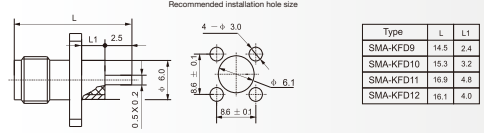
SMA-KFD8



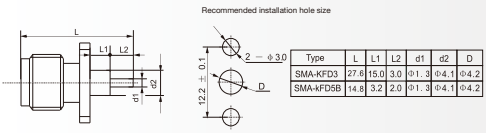
SMA-KFD4



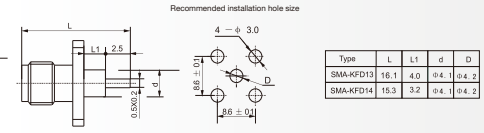
SMA-KFD9 etc.



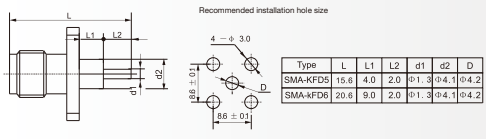
SMA-KFD3 etc.



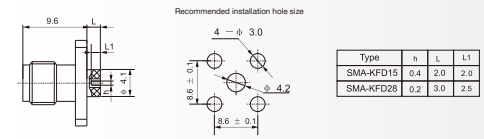
SMA-KFD13 etc.



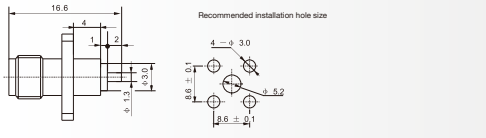
SMA-KFD5 etc.



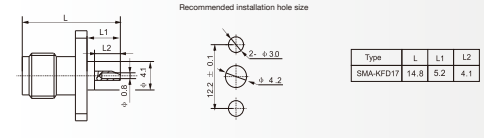
SMA-KFD15 etc.



SMA-KFD7

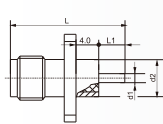


SMA-KFD17





SMA-KFD19AG etc.

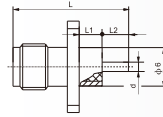


Recommended installation hole size

Type	L	L1	L2	d1	d2	D
SMA-KFD19A	15.6	2.0	12.2±0.1	∅1.3	∅6.0	∅6.1
SMA-KFD19AG	15.6	2.0	12.2±0.1	∅1.3	∅6.0	∅6.1

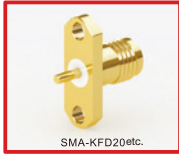


SMA-KFD19 etc.

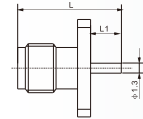


Recommended installation hole size

Type	L	L1	L2	d
SMA-KFD19	15.6	4.0	2.0	∅1.3
SMA-KFD29	15.6	3.2	3.0	∅1.3



SMA-KFD20 etc.

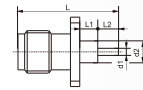


Recommended installation hole size

Type	L	L1
SMA-KFD20	13.6	4.0
SMA-KFD51	12.1	2.5



SMA-KFD21 etc.

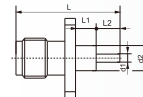


Recommended installation hole size

Type	L	L1	L2	d1	d2	D
SMA-KFD21	15.6	2.0	4.0	∅1.3	∅4.1	∅4.2
SMA-KFD40	16.6	4.0	3.0	∅1.3	∅4.1	∅4.2



SMA-KFD22 etc.

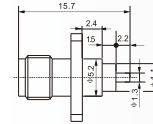


Recommended installation hole size

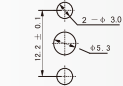
Type	L	L1	L2	e1	d2
SMA-KFD22	27.6	15.0	3.0	∅1.3	∅4.1
SMA-KFD23	14.2	4.0	0.6	∅0.4	∅4.1
SMA-KFD43	21.6	4.0	8.0	∅1.3	∅4.1



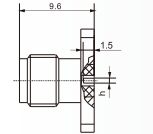
SMA-KFD24



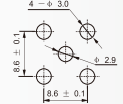
Recommended installation hole size



SMA-KFD26 etc.



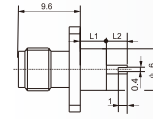
Recommended installation hole size



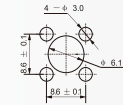
Type	h
SMA-KFD26	0.2
SMA-KFD27	0.4



SMA-KFD30 etc.



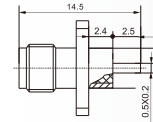
Recommended installation hole size



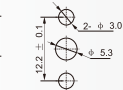
Type	L1	L2
SMA-KFD30	4.0	3.0
SMA-KFD34	1.0	1.0



SMA-KFD31



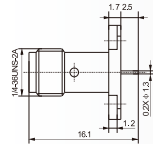
Recommended installation hole size



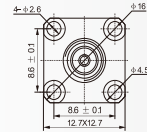
Microstrip Direction



SMA-KFD32

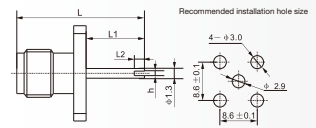


Recommended installation hole size





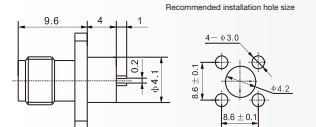
SMA-KFD35 etc.



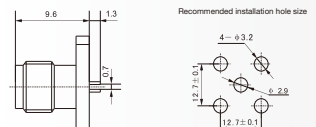
Type	L	L1	L2	h
SMA-KFD35	10.6	1.0	1.0	0.4
SMA-KFD36	10.6	1.0	1.0	0.2



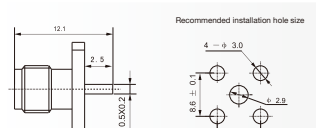
SMA-KFD37



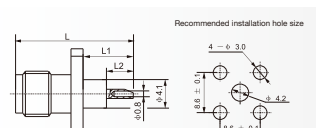
SMA-KFD38



SMA-KFD39



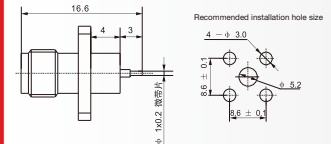
SMA-KFD40



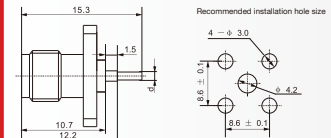
Type	L	L1	L2
SMA-KFD40	16.6	7.0	3.0



SMA-KFD42



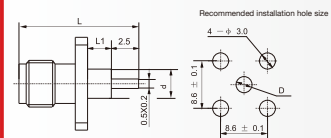
SMA-KFD44



Type	d
SMA-KFD44	φ0.8



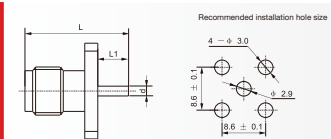
SMA-KFD45 etc.



Type	L	L1	d	D
SMA-KFD45	14.5	2.4	φ4.1	φ4.2
SMA-KFD46	15.3	3.2	φ7.1	φ7.2
SMA-KFD47	19.1	7.0	φ4.1	φ4.2



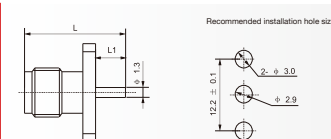
SMA-KFD47 etc.



Type	L	L1	d
SMA-KFD47	11.2	1.8	φ0.8
SMA-KFD48	10.8	1.2	φ0.8
SMA-KFD49	10.1	0.9	φ0.8



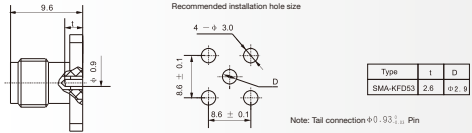
SMA-KFD51



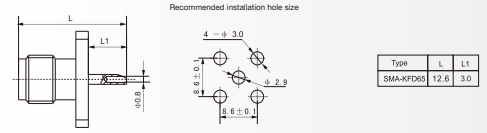
Type	L	L1
SMA-KFD51	12.1	2.5



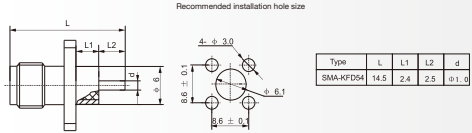
SMA-KFD53



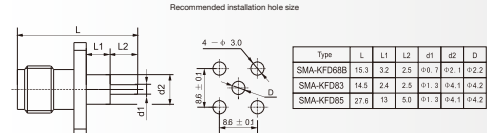
SMA-KFD65



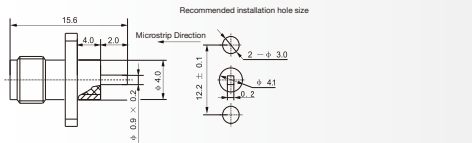
SMA-KFD54



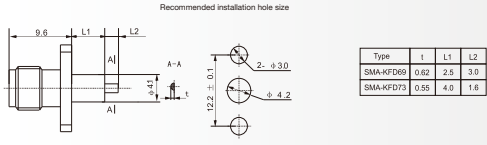
SMA-KFD68B etc.



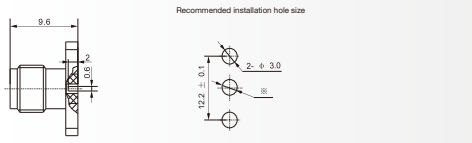
SMA-KFD55



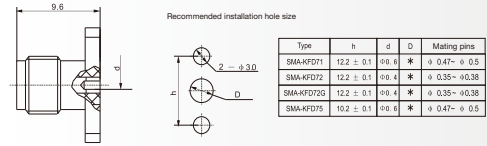
SMA-KFD69 etc.



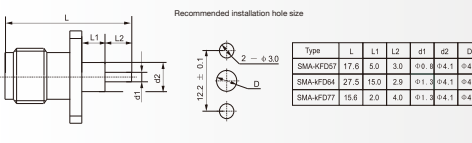
SMA-KFD56



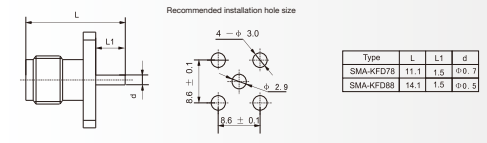
SMA-KFD71 etc.



SMA-KFD57 etc.

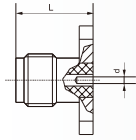


SMA-KFD78 etc.

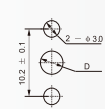




SMA-KFD75AG etc.



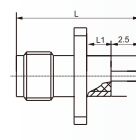
Recommended installation hole size



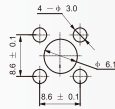
Type	L	d	D
SMA-KFD75AG	9.6	±0.6	∅
SMA-KFD191	9.6	±0.6	∅



SMA-KFD87 etc.



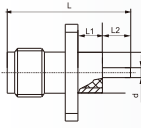
Recommended installation hole size



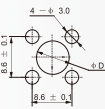
Type	L	L1	D
SMA-KFD87	15.1	3.0	∅
SMA-KFD256	15.1	3.2	∅



SMA-KFD76 etc.



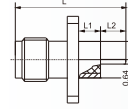
Recommended installation hole size



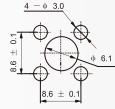
Type	L	L1	L2	d	D
SMA-KFD76	14.1	3.0	1.5	±0.7	6.1
SMA-KFD95	15.1	4.0	1.5	±0.8	6.1
SMA-KFD75AG	14.1	3.0	1.5	±0.7	6.2



SMA-KFD90



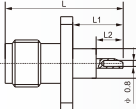
Recommended installation hole size



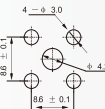
Type	L	L1	L2
SMA-KFD90	15.2	3.2	2.4
SMA-KFD90G	15.3	3.2	2.4



SMA-KFD80



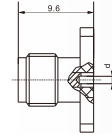
Recommended installation hole size



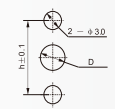
Type	L	L1	L2
SMA-KFD80	14.8	5.2	2.8



SMA-KFD92



Recommended installation hole size

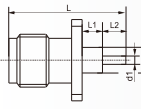


Type	h	d	D	Mating pins
SMA-KFD92	12.2	±0.9	∅	±0.9- ±0.93
SMA-KFD113	10.2	±0.8	∅	±0.35- ±0.35
SMA-KFD191	10.2	±0.8	∅	±0.8- ±0.83
SMA-KFD192	12.2	±0.8	∅	±0.8- ±0.83
SMA-KFD209	10.2	±0.4	∅	±0.35- ±0.4

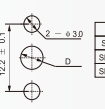
Note: SMA-KFD209 is a stainless steel product.



SMA-KFD84 etc.



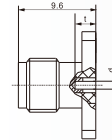
Recommended installation hole size



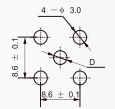
Type	L	L1	L2	d1	d2	D
SMA-KFD84	15.6	3.0	3.0	±1.3	±4.1	∅4.2
SMA-KFD84G	15.6	3.0	3.0	±1.3	±4.1	∅4.2
SMA-KFD102	17.6	5.0	3.0	±1.3	±4.1	∅4.2



SMA-KFD93 etc.



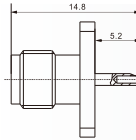
Recommended installation hole size



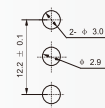
Type	L	D	d	Mating pins
SMA-KFD93	2.8	±	±0.9	±0.9- ±0.93
SMA-KFD276	2.8	±	±0.8	±0.78- ±0.8
SMA-KFD290	2.0	±	±0.5	±0.45- ±0.48



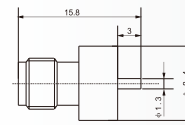
SMA-KFD86



Recommended installation hole size

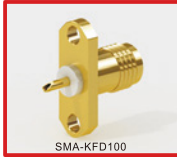
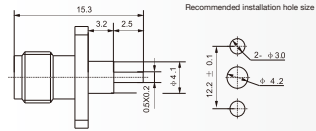


SMA-KFD94

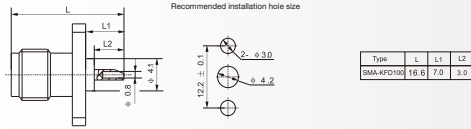




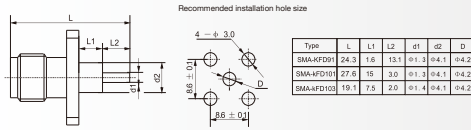
SMA-KFD98



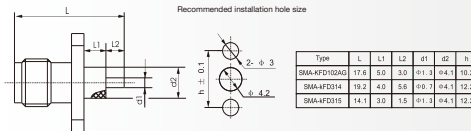
SMA-KFD100



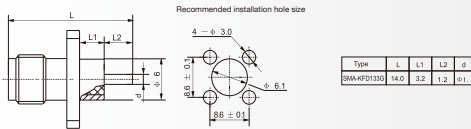
SMA-KFD91etc.



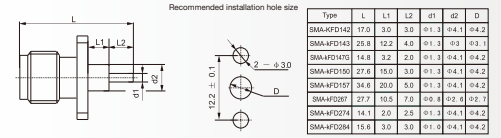
SMA-KFD102AG etc.



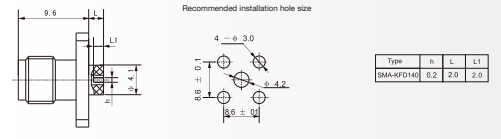
SMA-KFD133G



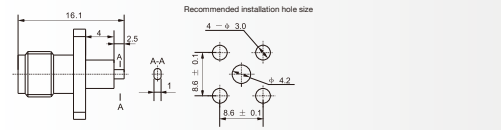
SMA-KFD142 etc.



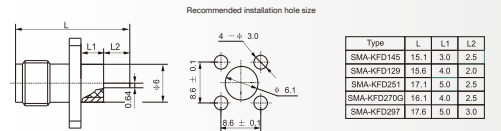
SMA-KFD140



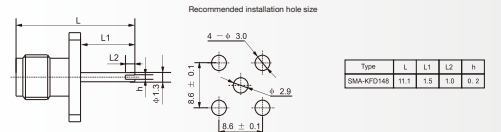
SMA-KFD144 etc.



SMA-KFD145 etc.

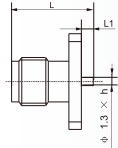


SMA-KFD148

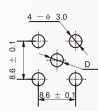




SMA-KFD149



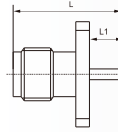
Recommended installation hole size



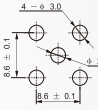
Type	L	L1	h	D
SMA-KFD149	12.1	2.5	0.15	*



SMA-KFD152



Recommended installation hole size

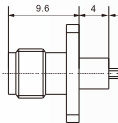


Type	L	L1	d
SMA-KFD152	10.2	0.6	0.1

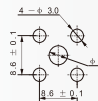
Note: The product installation hole is M2 thread



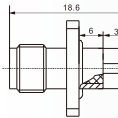
SMA-KFD153



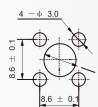
Recommended installation hole size



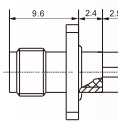
SMA-KFD154



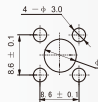
Recommended installation hole size



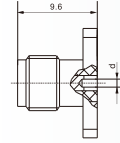
SMA-KFD155G



Recommended installation hole size



SMA-KFD159 etc.



Recommended installation hole size

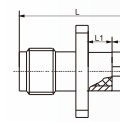


Type	L	d	D
SMA-KFD159	12.2 ± 0.1	0.2	*
SMA-KFD159	12.2 ± 0.1	0.4	*

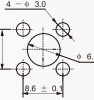
Note: The rear end face of the SMA-KFD159 flange has a sealing ring and an annular groove



SMA-KFD160 etc.



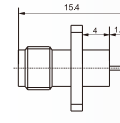
Recommended installation hole size



Type	L	L1	L2	d
SMA-KFD160	15.6	4.0	2.0	0.1
SMA-KFD161	16.0	4.0	3.0	0.1
SMA-KFD162	22.0	4.0	9.0	0.1
SMA-KFD163	15.1	4.0	1.5	0.1
SMA-KFD164	16.6	3.0	6.0	0.1



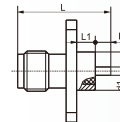
SMA-KFD163



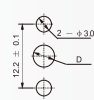
Recommended installation hole size



SMA-KFD164G etc.



Recommended installation hole size

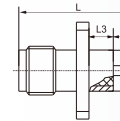


Type	L	L1	L2	d1	d2	D
SMA-KFD164G	15.1	4.0	1.5	0.0	0.4	0.4
SMA-KFD164H	14.6	2.6	2.5	0.1	0.1	0.6
SMA-KFD165	14.4	2.4	3.4	0.5	0.3	0.3
SMA-KFD166	14.0	2.4	2.0	0.5	0.3	0.3
SMA-KFD167	10.6	4.0	2.0	0.8	0.4	0.4
SMA-KFD168	10.6	4.0	2.0	0.8	0.4	0.4
SMA-KFD169	10.9	4.0	3.3	0.1	0.4	0.6

Note: SMA-KFD238 hole spacing is 8.6



SMA-KFD164 etc.



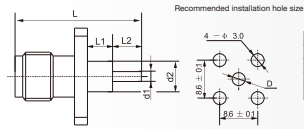
Recommended installation hole size



Type	L	L1	L2	L3	d1	d2	D
SMA-KFD164	15.1	1.5	12.2 ± 0.1	4.0	0.0	0.4	0.4
SMA-KFD165	15.1	1.5	10.2 ± 0.1	4.0	0.0	0.4	0.4
SMA-KFD166	14.4	0.8	12.2 ± 0.1	4.0	0.0	0.4	0.4
SMA-KFD167	17.6	3.0	10.2 ± 0.1	5.0	0.1	0.4	0.4



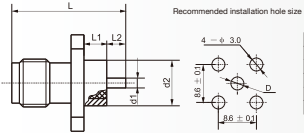
SMA-KFD177 etc.



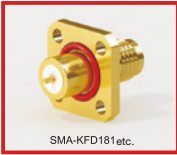
Type	L	L1	L2	d1	d2	D
SMA-KFD177	20.0	3.0	3.0	φ1.3	φ4.1	φ4.2
SMA-KFD178	18.0	5.0	4.2	φ1.3	φ4.1	φ4.2
SMA-KFD205	39.6	26.0	5.0	φ1.3	φ4.1	φ4.2
SMA-KFD208	46.4	28.0	12.0	φ1.3	φ4.1	φ4.2



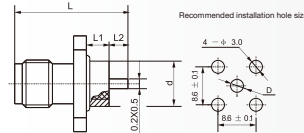
SMA-KFD179 etc.



Type	L	L1	L2	d1	d2	D
SMA-KFD179	15.6	3.0	3.0	φ1.1	φ6.0	φ6.1
SMA-KFD194	18.6	4.0	3.0	φ1.3	φ6.0	φ6.1
SMA-KFD199	15.6	4.0	2.0	φ0.8	φ4.8	φ4.9
SMA-KFD279	14.4	2.4	2.4	φ0.6	φ5.2	φ5.3
SMA-KFD202	14.4	4.0	0.8	φ0.6	φ4.0	φ4.1



SMA-KFD181 etc.

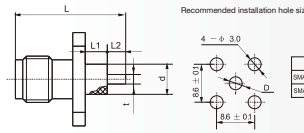


Type	L	L1	L2	d	D
SMA-KFD181	17.1	5.0	2.5	φ6	φ6.1
SMA-KFD181G	17.1	5.0	2.5	φ6	φ6.1
SMA-KFD209G	21.2	5.0	6.6	φ6	φ6.1

Note: The size of SMA-KFD209G microstrip is φ1.3



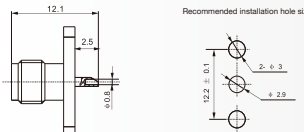
SMA-KFD182 etc.



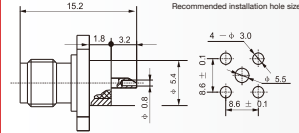
Type	L	L1	L2	t	d	D
SMA-KFD182	15.3	3.2	2.5	±0.765 mm	φ2.1	φ2.2
SMA-KFD200	13.3	1.5	2.2	±1.346 mm	φ4.1	φ4.2



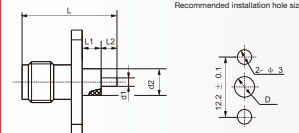
SMA-KFD184



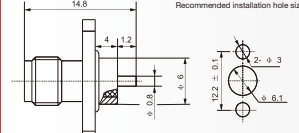
SMA-KFD188



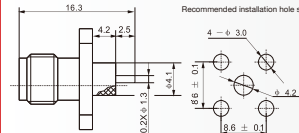
SMA-KFD189 etc.



SMA-KFD193



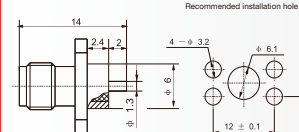
SMA-KFD195

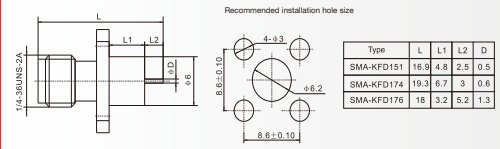
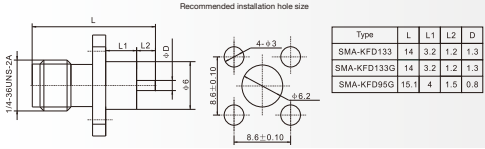
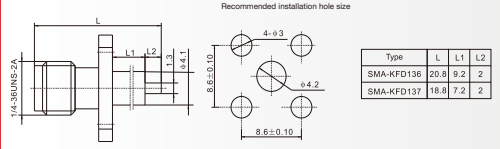
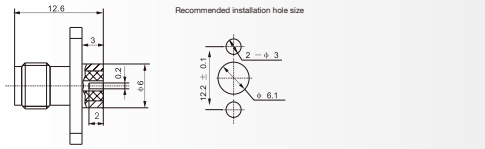
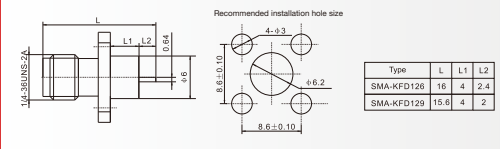
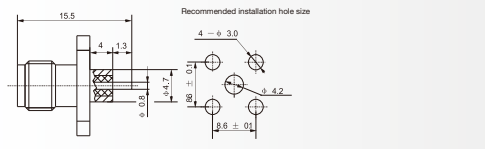
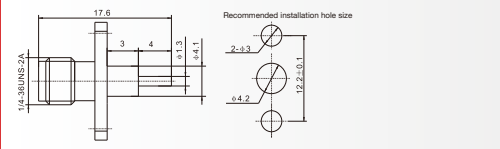
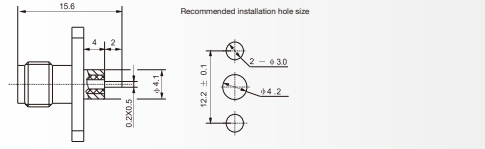
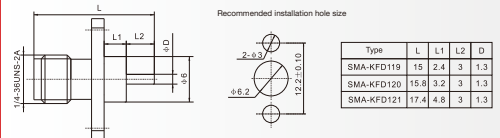
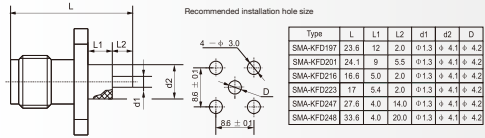


Note: Print mark is SMA-50KFD3-4



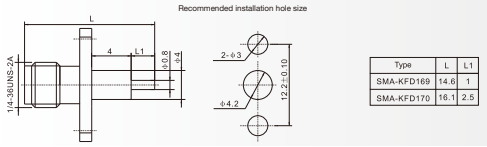
SMA-KFD303S



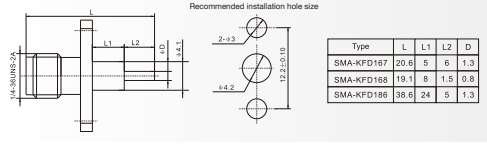




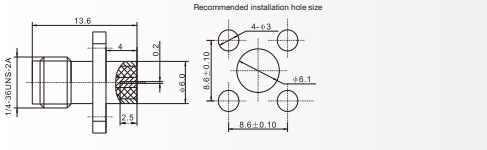
SMA-KFD169 etc.



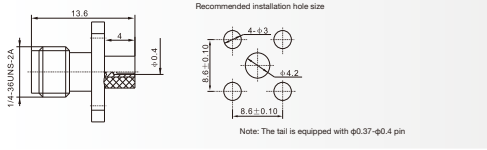
SMA-KFD167 etc.



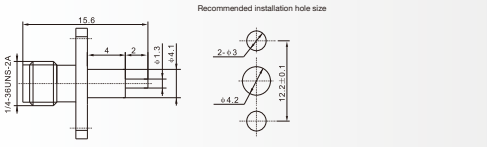
SMA-KFD175



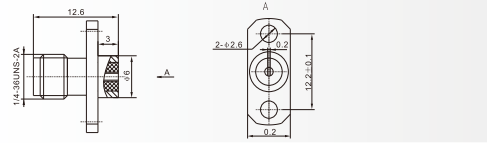
SMA-KFD212



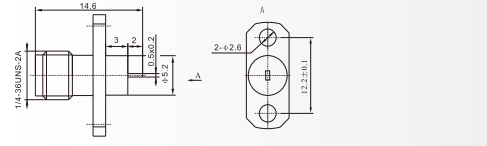
SMA-KFD213



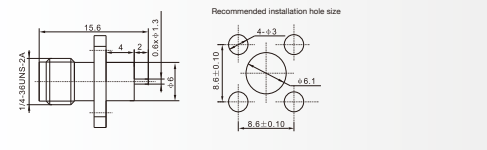
SMA-KFD214



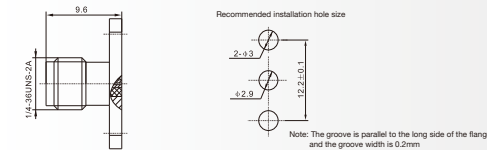
SMA-KFD220



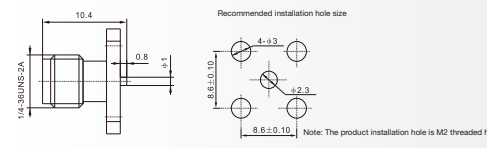
SMA-KFD220A



SMA-KFD222

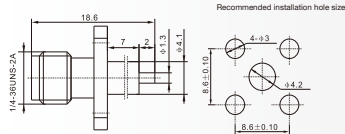


SMA-KFD224





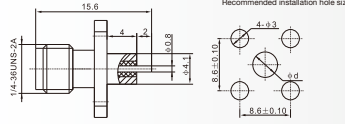
SMA-KFD225



Recommended installation hole size



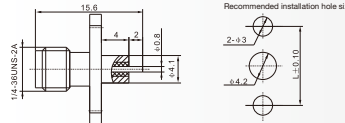
SMA-KFD236



Recommended installation hole size



SMA-KFD237

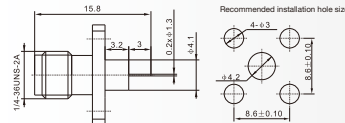


Recommended installation hole size

Type	L
SMA-KFD237	12.2
SMA-KFD238	9.6



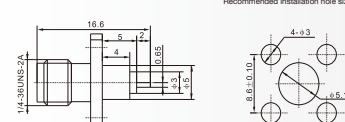
SMA-KFD253



Recommended installation hole size



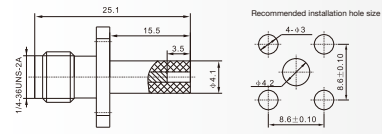
SMA-KFD255



Recommended installation hole size



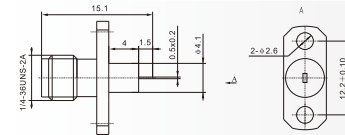
SMA-KFD257



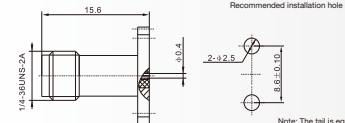
Recommended installation hole size



SMA-KFD269



SMA-KFD278

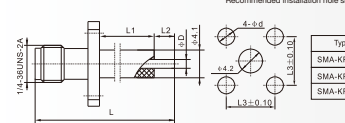


Recommended installation hole size

Note: The tail is equipped with $\phi 0.38-\phi 0.41$ mm pin



SMA-KFD290等

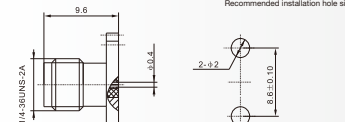


Recommended installation hole size

Type	L	L1	L2	D	φ	φ3
SMA-KFD290	20.6	9	2	1.3	2.3	0.4
SMA-KFD298	40.6	26	12	1.3	3	0.6
SMA-KFD299	34.3	19.3	6.4	1.3	3	0.6



SMA-KFD293

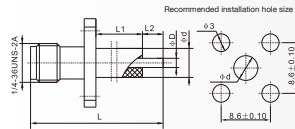


Recommended installation hole size

Note: The tail is equipped with $\phi 0.41-\phi 0.44$ mm pin



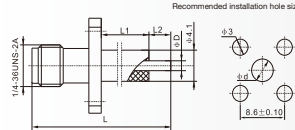
SMA-KFD300etc.



Type	L	L1	L2	D	d
SMA-KFD300	30.2	14.4	6.2	1.3	4.1
SMA-KFD308	55.6	34	12	1.3	4.1
SMA-KFD316	27.6	0	18	1.3	2.9
SMA-KFD338	15.8	3	3	1	4.1
SMA-KFD350	18.6	9	1	1.1	3.8
SMA-KFD353	30	6.5	5.5	1.3	4.1
SMA-KFD356	24.8	12	3	1.3	4.1
SMA-KFD360	18.2	3.8	2.8	0.8	4.1



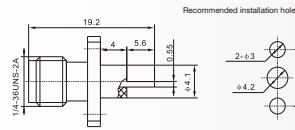
SMA-KFD367



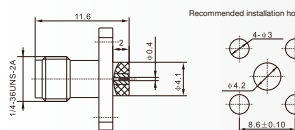
Type	L	L1	L2	D	d
SMA-KFD367	36.6	6	21	2	4.2
SMA-KFD376	20	4	2	1.3	4.2
SMA-KFD379	23.6	8	6	1.3	4.2
SMA-KFD384	16.6	3	4	1.3	4.2
SMA-KFD385	28.6	15.9	3.1	1.3	4.2
SMA-KFD482	30.6	18	3	1.3	4.2



SMA-KFD302



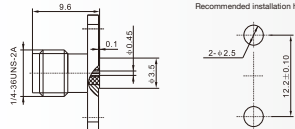
SMA-KFD303



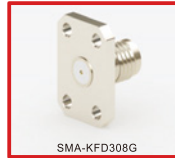
Note: The tail is equipped with φ0.38-φ0.41mm pin



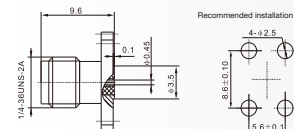
SMA-KFD307G



Note: The tail is equipped with φ0.35-φ0.38mm pin



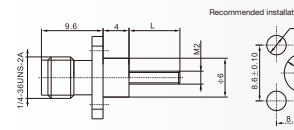
SMA-KFD308G



Note: The tail is equipped with φ0.35-φ0.38mm pin



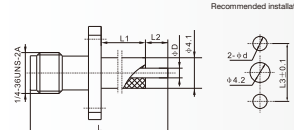
SMA-KFD309etc.



Type	L
SMA-KFD309	4
SMA-KFD310	6
SMA-KFD311	8



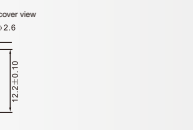
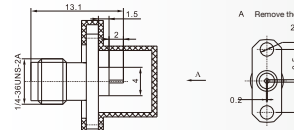
SMA-KFD314 etc.



Type	L	L1	L2	D	L3	d
SMA-KFD314	19.2	4	5.6	0.7	12.2	3
SMA-KFD315	14.1	3	1.5	1.3	12.2	3
SMA-KFD333G	17.6	5	3	0.8	9	2.5
SMA-KFD340	14.6	3	2	1.3	8.6	2.8



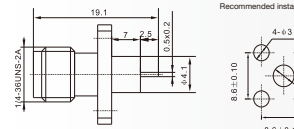
SMA-KFD318



A Remove the cover view

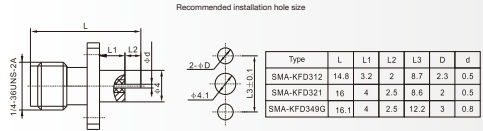


SMA-KFD324

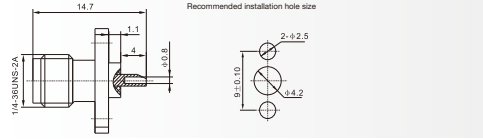




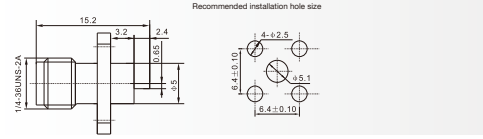
SMA-KFD312



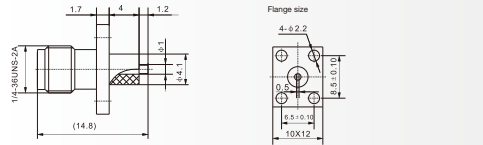
SMA-KFD332G



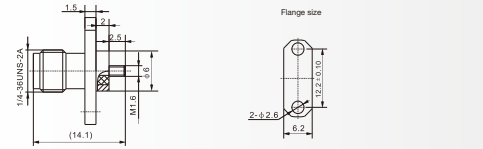
SMA-KFD334G



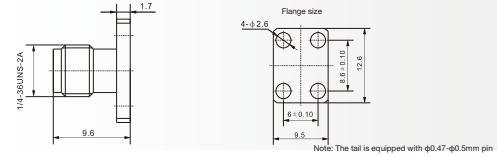
SMA-KFD355



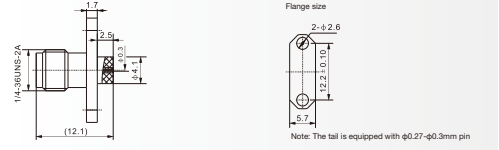
SMA-KFD361



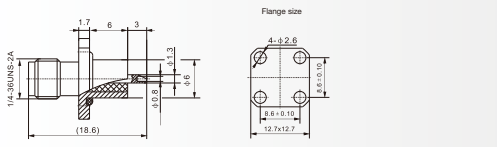
SMA-KFD363G



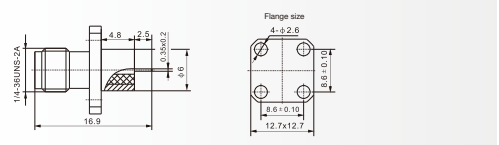
SMA-KFD368



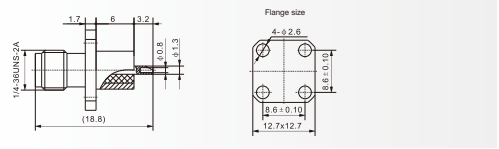
SMA-KFD386



SMA-KFD389

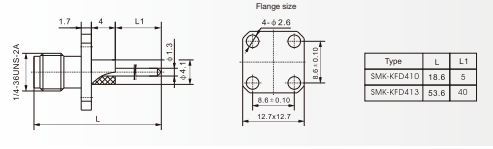


SMA-KFD399

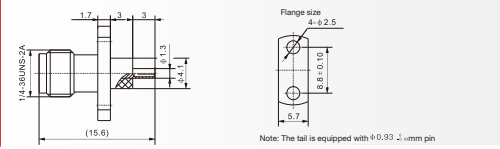




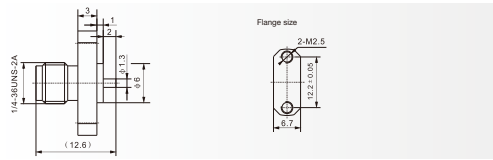
SMA-KFD410



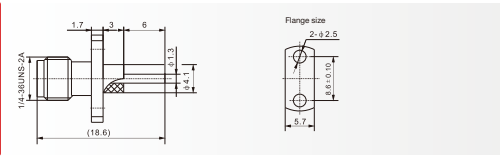
SMA-KFD423



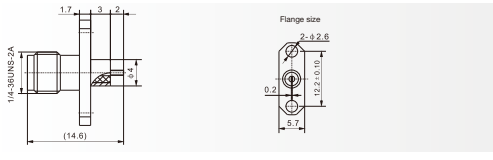
SMA-KFD411



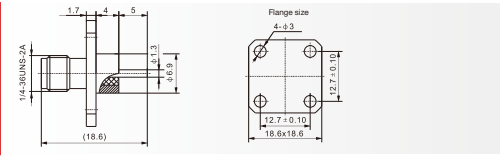
SMA-KFD424



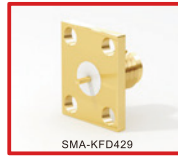
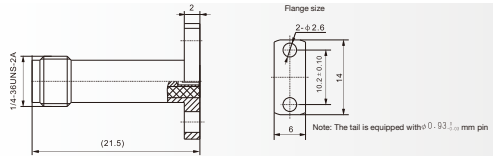
SMA-KFD416



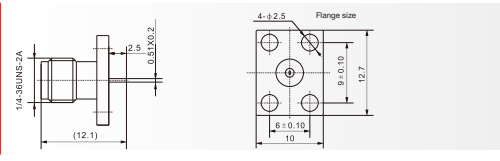
SMA-KFD428



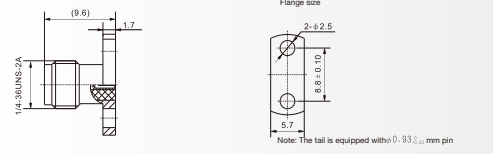
SMA-KFD418



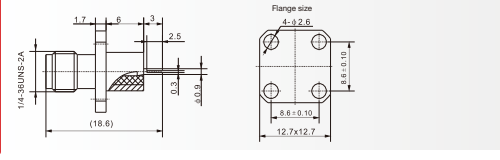
SMA-KFD429



SMA-KFD422

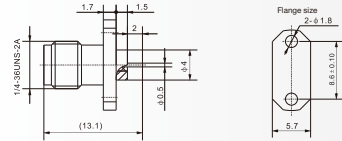


SMA-KFD432

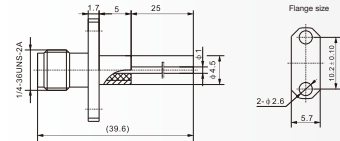




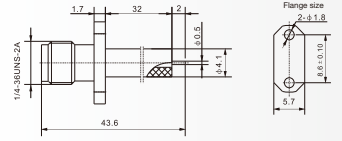
SMA-KFD448



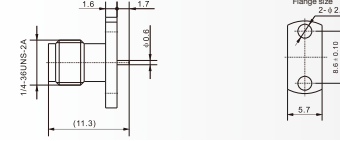
SMA-KFD459



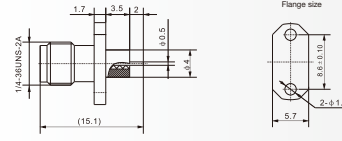
SMA-KFD449



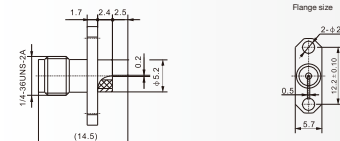
SMA-KFD462



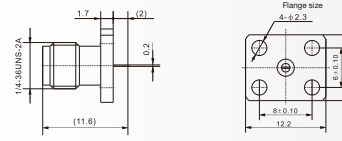
SMA-KFD451



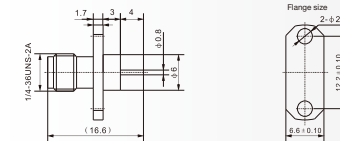
SMA-KFD463



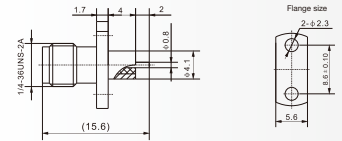
SMA-KFD452



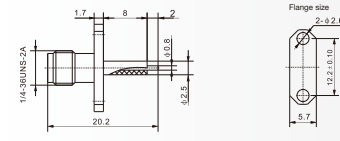
SMA-KFD461



SMA-KFD454

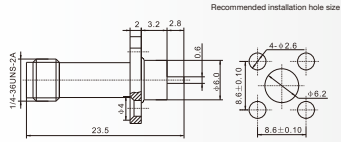


SMA-KFD466

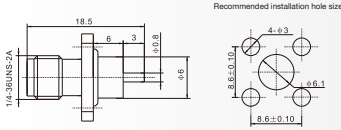




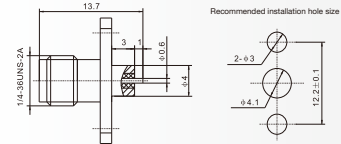
SMA(S)-KFD3



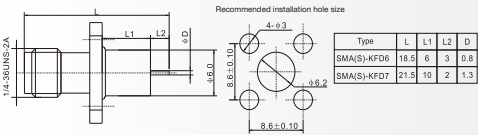
SMA(S)-KFD4



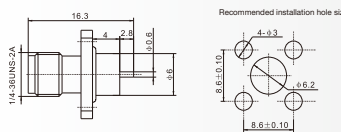
SMA(S)-KFD5



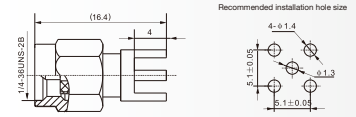
SMA(S)-KFD6etc.



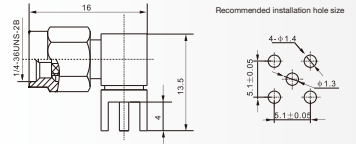
SMA(S)-KFD9



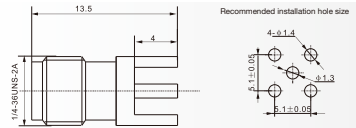
SMA-JHD



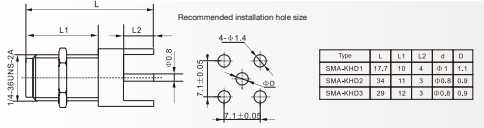
SMA-JWHD



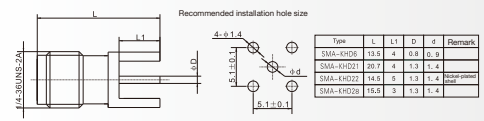
SMA-KHD



SMA-KHD1etc.

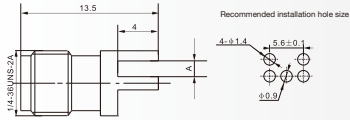


SMA-KHD6etc.





SMA-KHD9 etc.

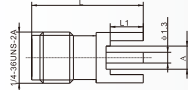


Recommended installation hole size

Type	A
SMA-KHD9	2.0
SMA-KHD9A	1.6
SMA-KHD9B	2.2
SMA-KHD27	1.1



SMA-KHD11 etc.

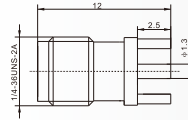


Recommended installation hole size

Type	L	L1	A
SMA-KHD11	13.5	4	3.5
SMA-KHD13	13.5	4	2.8
SMA-KHD14	15.8	6.3	2.8



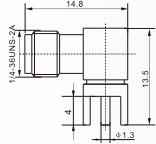
SMA-KHD20



Recommended installation hole size



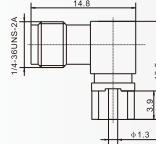
SMA-KWHD



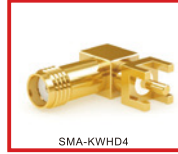
Recommended installation hole size



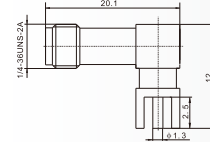
SMA-KWHD2



Recommended installation hole size



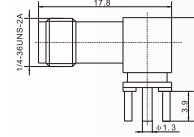
SMA-KWHD4



Recommended installation hole size



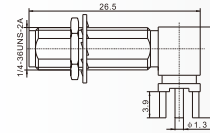
SMA-KWHD5



Recommended installation hole size



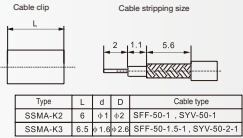
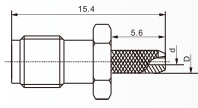
SMA-KYWHD1



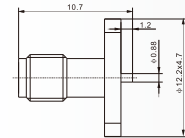
Recommended installation hole size



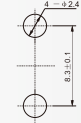
SSMA-K2, K3



SSMA-KFD10



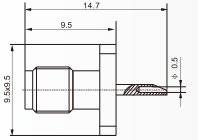
Recommended installation hole size



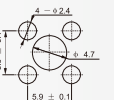
Type	L	L1
SSMA-KFD10	10.7	1.2
SSMA-KFD55	12	2.5



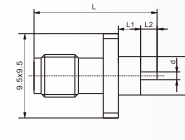
SSMA-KFD



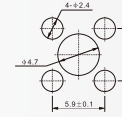
Recommended installation hole size



SSMA-KFD12, 17



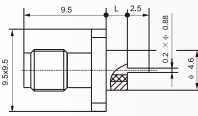
Recommended installation hole size



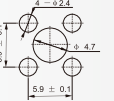
Type	L	L1	L2	d
SSMA-KFD12	14.5	2.4	2.5	0.1
SSMA-KFD17	13	1.5	2.2	0.08



SSMA-KFD1 etc.



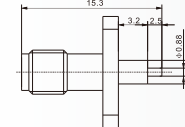
Recommended installation hole size



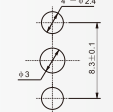
Type	L
SSMA-KFD1	2.4
SSMA-KFD2	3.2
SSMA-KFD3	4.8



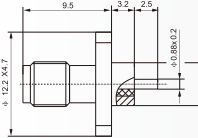
SSMA-KFD13G



Recommended installation hole size



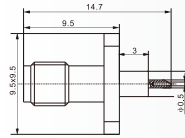
SSMA-KFD4



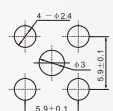
Recommended installation hole size



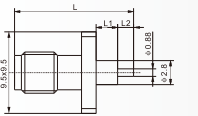
SSMA-KFD14



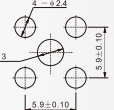
Recommended installation hole size



SSMA-KFD7, 11



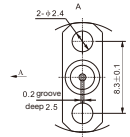
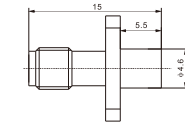
Recommended installation hole size



Type	L	L1	L2
SSMA-KFD7	22.2	9.5	3.2
SSMA-KFD11	14	2.5	2.0



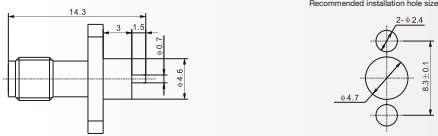
SSMA-KFD9



Recommended installation hole size



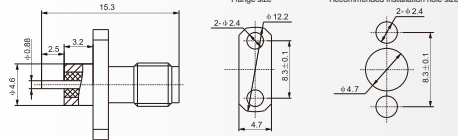
SSMA-KFD19



Recommended installation hole size



SSMA-KFD20

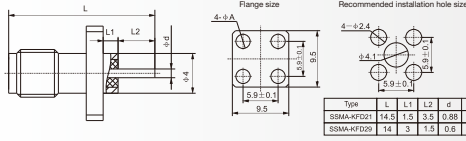


Flange size

Recommended installation hole size



SSMA-KFD21 etc.



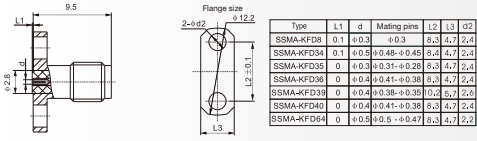
Flange size

Recommended installation hole size

Type	L	L1	L2	d	A
SSMA-KFD21	14.5	1.5	3.5	0.88	2.4
SSMA-KFD22	14	1	3.5	0.6	2.2



SSMA-KFD34 etc.

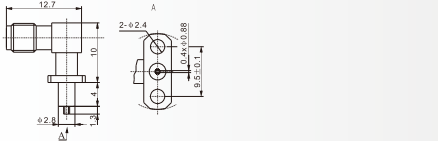


Flange size

Type	L1	d	Mating pin	L2	L3	d2
SSMA-KFD8	0.1	0.3	0-0.3	5.3	4.7	2.4
SSMA-KFD34	0.1	0.5	0-0.48-0-0.45	5.4	4.7	2.4
SSMA-KFD35	0	0.3	0-0.31-0-0.28	5.4	4.7	2.4
SSMA-KFD36	0	0.4	0-0.41-0-0.38	5.3	4.7	2.4
SSMA-KFD31	0	0.4	0-0.38-0-0.35	5.2	5.2	2.6
SSMA-KFD43	0	0.4	0-0.41-0-0.38	5.3	4.7	2.4
SSMA-KFD64	0	0.5	0-0.5-0-0.47	5.3	4.7	2.2



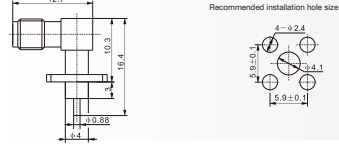
SSMA-KWFD



A



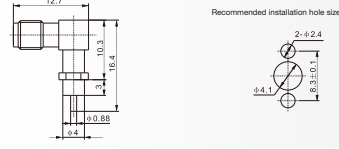
SSMA-KWFD1



Recommended installation hole size



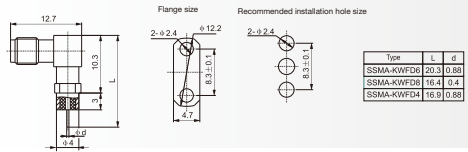
SSMA-KWFD2



Recommended installation hole size



SSMA-KWFD4 etc.



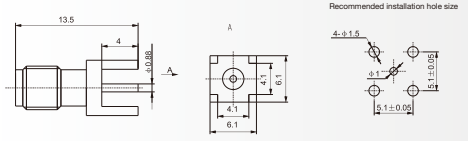
Flange size

Recommended installation hole size

Type	L	d
SSMA-KWFD6	20.3	0.88
SSMA-KWFD8	16.4	0.4
SSMA-KWFD4	16.9	0.88



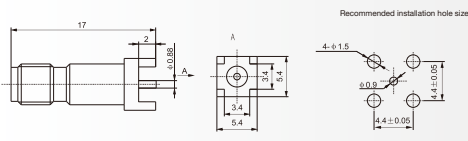
SSMA-KHD



Recommended installation hole size



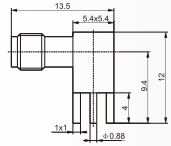
SSMA-KHD1



Recommended installation hole size



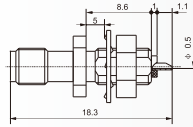
SSMA-KWHD



Recommended installation hole size



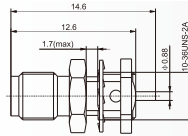
SSMA-KYD



Recommended installation hole size



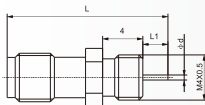
SSMA-KYD1



Recommended installation hole size



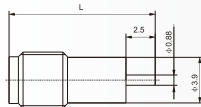
SSMA-KYD2 etc.



Type	L	L1	d
SSMA-KYD2	18	2.5	0.5
SSMA-KYD3	16.3	3	0.7



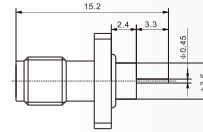
SSMA-KYD4



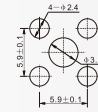
Type	L
SSMA-KYD4	16.5
SSMA-KYD5	12.5



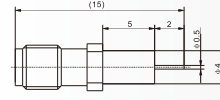
SSMA(M)-KFD



Recommended installation hole size



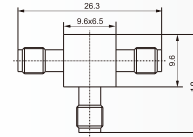
SSMA(M)-KYD



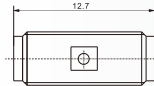
Recommended installation hole size



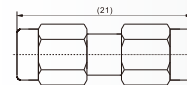
SSMA-KKK



SSMA-KK

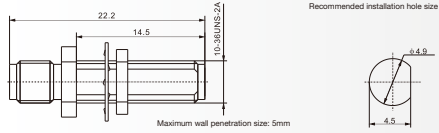


SSMA-JJ

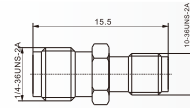




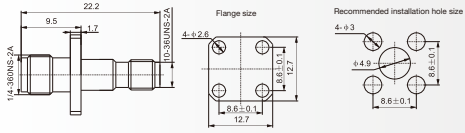
SSMA-KYK



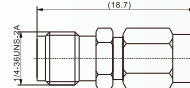
SMA/SSMA-KK



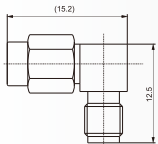
SMA/SSMA-KFK



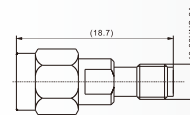
SMA/SSMA-KJ



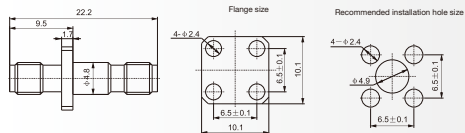
SSMA-JWK



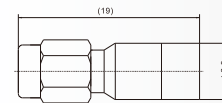
SMA/SSMA-JK



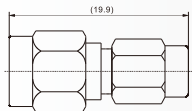
SSMA-KFK



SSMA-50JR-1W



SMA/SSMA-JJ

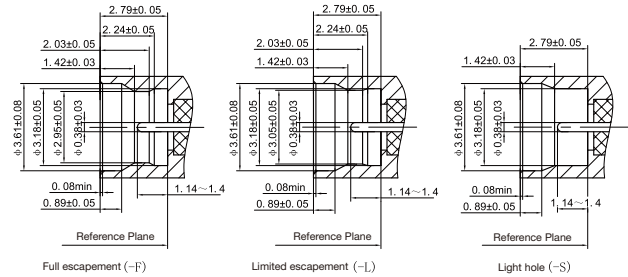


SMP

Type SMP is one kind of miniature RF coaxial connectors with snap-on self-latching mechanism. They are developed for modular interconnection system with denser packing requirements. The characteristic of this type is easy to connect/disconnect, light weight, vibration-proof, high frequency and high performance.

Key Performance

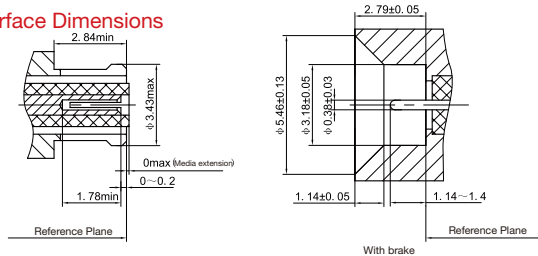
Characteristic Impedance	50 Ω	Frequency Range	DC~40GHz	
Insulation resistance	≥5000MΩ	Dielectric Withstanding Voltage	500V	
Contact Resistance	Center Conductor ≤6.0mΩ, Outer Conductor ≤2.0mΩ			
RF Insertion loss	≤0.07√F(GHz) dB			
VSWR	Frequency	DC~18GHz	18~26.5GHz	26.5~40GHz
	Straight	1.25	1.3	1.5
	Right Angle	1.3	1.4	—
Durability	1000times(-S)		500 times(-L)	100 times (-F)
Meshing force	9N max(-S)	45N max(-L)	68N max(-F)	
Pull-off Force	2.2N min(-S)	9N min(-L)	22N min(-F)	
Axial Misalignment	±0.25mm	Radial Misalignment	0~0.25mm	



Materials & Plating

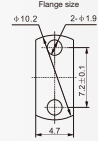
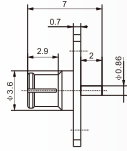
Central Contacts	Male Center Contacts	Tin phosphor bronze, gold plated	Housing and other metal parts	Brass, gold or nickel plated
	Female Center Contacts	Kovar, gold plated		Stainless Steel, Passivated
Insulation medium	Male Center Contacts	Beryllium bronze, gold plated	Elastic parts	Kovar Alloy, Gold-plated
	Female Center Contacts	PTFE or glass, etc.		Beryllium, Gold Plating

Interface Dimensions

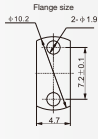
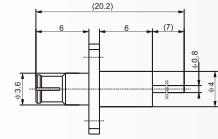




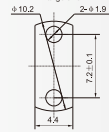
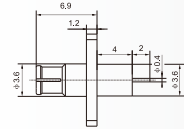
SMP-KFD2



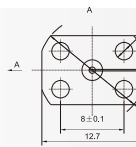
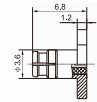
SMP-KFD3



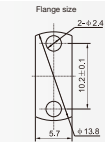
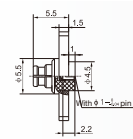
SMP-KFD4



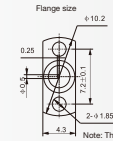
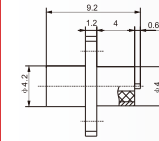
SMP-KFD6



SMP-KFD8



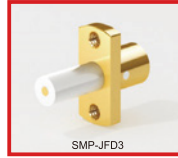
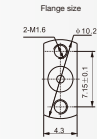
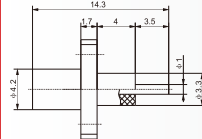
SMP-JFD1



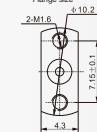
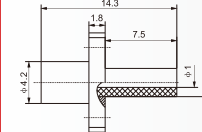
Note: The product shell is stainless steel



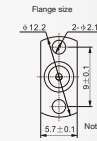
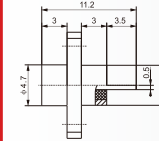
SMP-JFD2



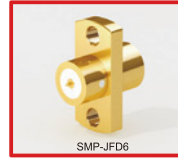
SMP-JFD3



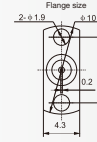
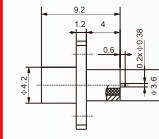
SMP-JFD5



Note: The product shell is stainless steel

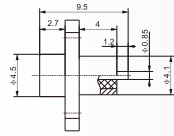


SMP-JFD6





SMP-JFD7



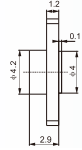
Flange size



Note: The product shell is stainless steel



SMP-JFD8

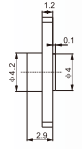


Use with SMP(M)-1620

Flange size



SMP-JFD9

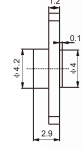


Use with SMP(M)-1620

Flange size



SMP-JFD10G

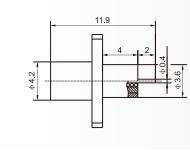


Use with SMP(M)-1620

Flange size



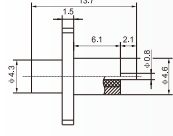
SMP-JFD11G



Flange size



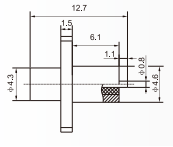
SMP-JFD13



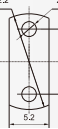
Flange size



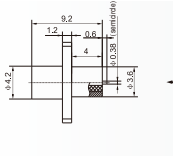
SMP-JFD14



Flange size



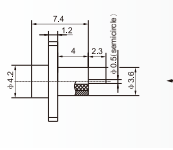
SMP-JFD15



Flange size



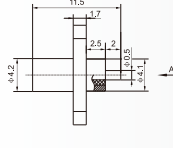
SMP-JFD16G



Flange size



SMP-JFD17G

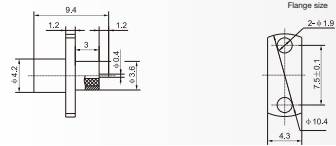


Flange size

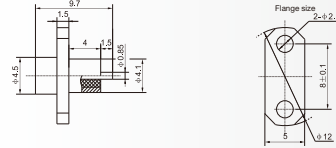




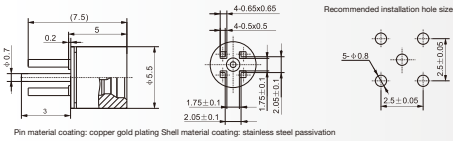
SMP-JFD20G



SMP-JFD21G



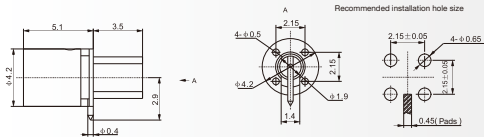
SMP-JHD



Pin material coating: copper gold plating Shell material coating: stainless steel passivation



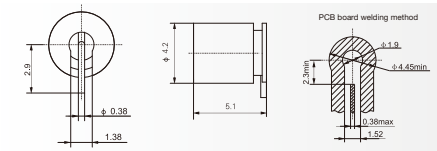
SMP-JHD1



Recommended installation hole size



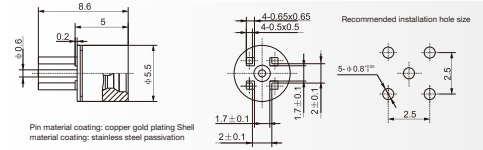
SMP-JHD3



PCB board welding method



SMP-JHD6



Pin material coating: copper gold plating Shell material coating: stainless steel passivation

Recommended installation hole size



SMP-JHD9G



Recommended installation hole size

Use with SMP(M)-1620

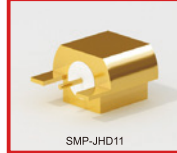


SMP-JHD10G

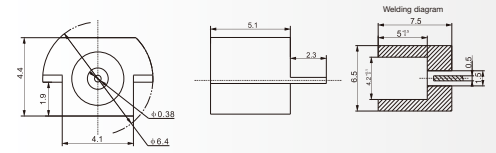


Recommended installation hole size

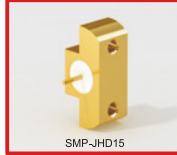
Use with SMP(M)-1620



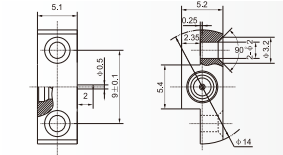
SMP-JHD11



Welding diagram

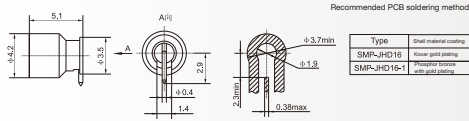


SMP-JHD15

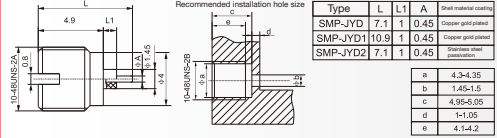




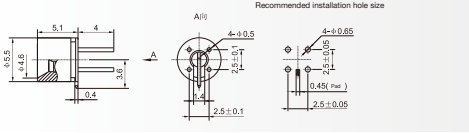
SMP-JHD16



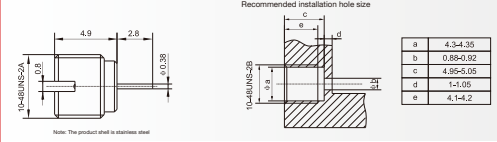
SMP-JYD etc.



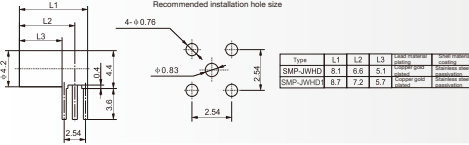
SMP-JHD19



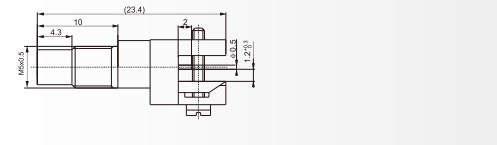
SMP-JYD5



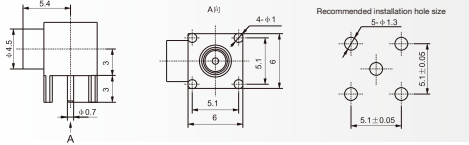
SMP-JWHD



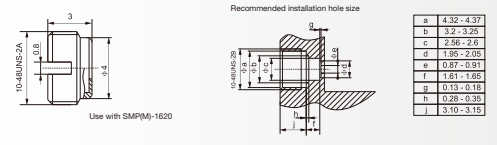
SMP-JYD6



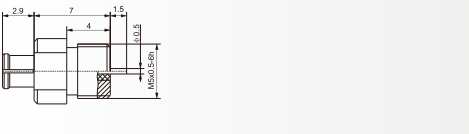
SMP-JWHD2



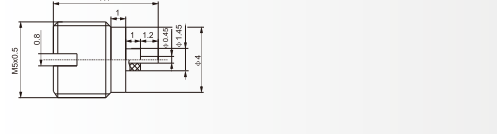
SMP-JYD7G

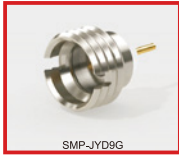


SMP-KYD

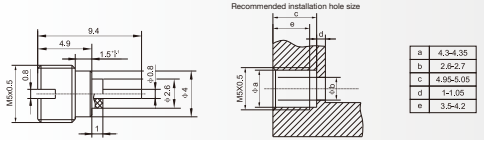


SMP-JYD8G





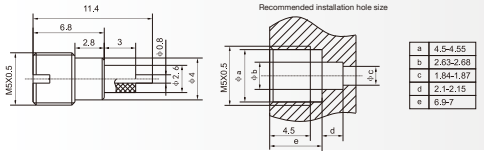
SMP-JYD9G



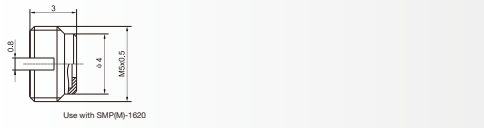
SMP-JYD12G



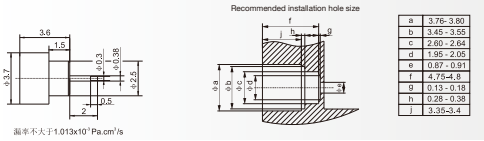
SMP-JYD17G



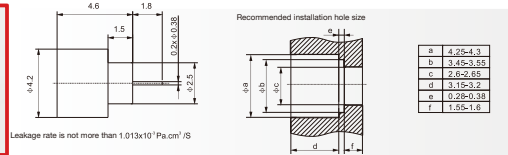
SMP-JYD18G



SMP(M)-JHD



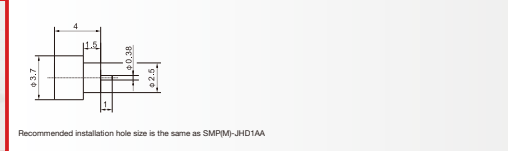
SMP(M)-JHD1



SMP(M)-JHD2



SMP(M)-JHD3



SMP(M)-JHD5

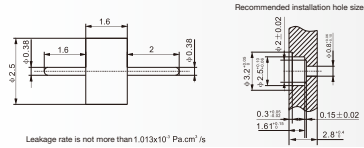


SMP(M)-JHD6

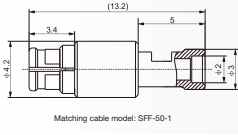




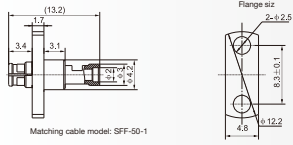
SMP(M)-1620



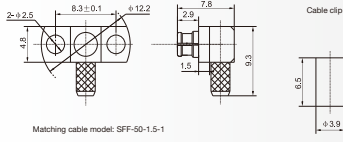
SMP-K2



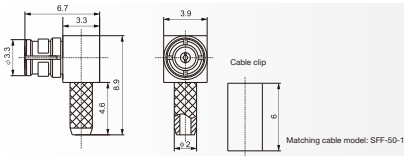
SMP-KF2



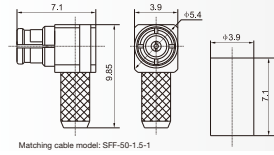
SMP-KWF3



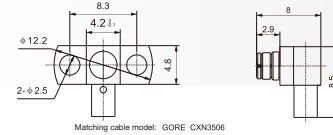
SMP-KW2



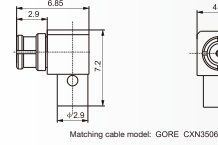
SMP-KW3



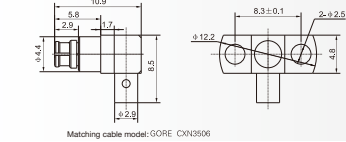
SMP-KWF3506



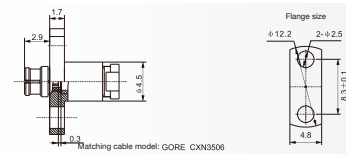
SMP-KW3506



SMP-KWF89-1

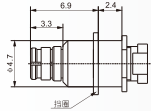


SMP-KF3506





SMP-K3506-1



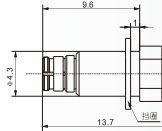
Matching cable model: GORE CXN3506



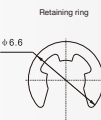
Retaining ring



SMP-KY3506



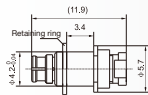
Matching cable model: GORE CXN3506



Retaining ring



SMP-KY89



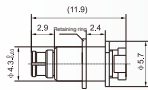
Matching cable model: GORE CXN3506



Retaining ring



SMP-KY89-1



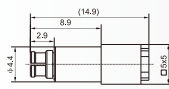
Matching cable model: GORE CXN3506



Retaining ring



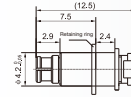
SMP-KY89-2



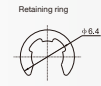
Matching cable model: GORE CXN3506



SMP-KY89-3



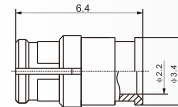
Matching cable model: GORE CXN3506



Retaining ring



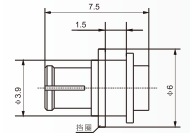
SMP-KB2-1



Matching cable model: SFT-50-2-1



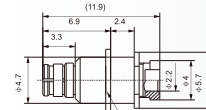
SMP-KB2-2



Matching cable model: SFT-50-2-1



SMP-KB2-4



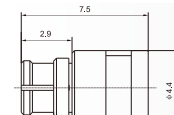
Matching cable model: SFT-50-2-1



Retaining ring



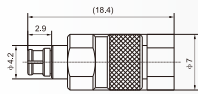
SMP-KB2-5



Matching cable model: SFT-50-2-1



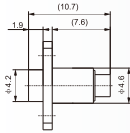
SMP-KB2-6



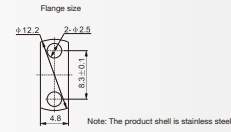
Matching cable model: U786C-L



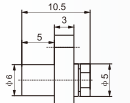
SMP-JF2



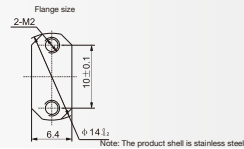
Matching cable model: SFF-50-1



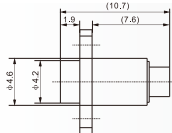
SMP-JF3506-1



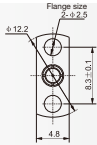
Matching cable model: GORE CXN3506



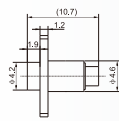
SMP-JF3506G-L



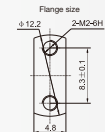
Matching cable model: GORE CXN3506



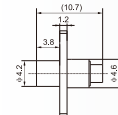
SMP-JF89G



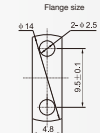
Matching cable model: GORE CXN3506



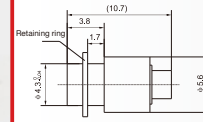
SMP-JF89G-1



Matching cable model: GORE CXN3506



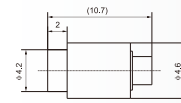
SMP-JY89G



Matching cable model: GORE CXN3506



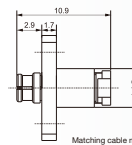
SMP-JY89G-1



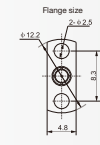
Matching cable model: GORE CXN3506



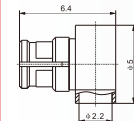
SMP-KFB2



Matching cable model: SFT-50-2-1



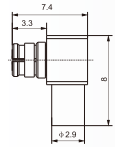
SMP-KWB2-1



Matching cable model: SFT-50-2-1



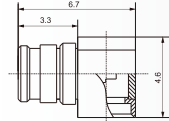
SMP-KWB2-2



Matching cable model: GORE CXN3506



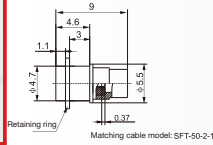
SMP-KWB2-3



Matching cable model: SFT-50-2-1



SMP-JB2-1



Retaining ring

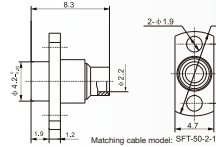
Matching cable model: SFT-50-2-1



Retaining ring



SMP-JFB2



Matching cable model: SFT-50-2-1

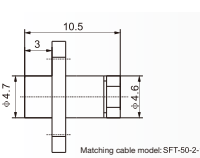
Recommended installation hole size



Note: The product shell is stainless steel

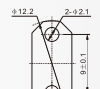


SMP-JFB2-2



Matching cable model: SFT-50-2-1

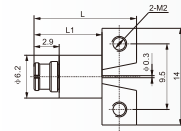
Flange size



Note: The product shell is stainless steel



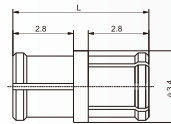
SMP-KHD etc.



Type	L	L1
SMP-KHD	11.5	6.5
SMP-KHD1	14.2	9.2



SMP-KK1

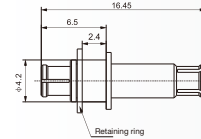


Type	L
SMP-KK1	6.45
SMP-KK3	10.3
SMP-KK4	8.65
SMP-KK5	11
SMP-KK20	13
SMP-KK25	9.45
SMP-KK34	9.05
SMP-KK35	16.5

etc.



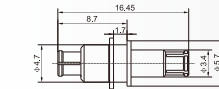
SMP-KK6



Retaining ring



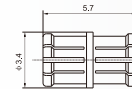
SMP-KK8



Retaining ring

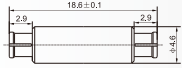


SMP-KK10

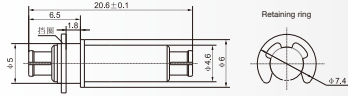




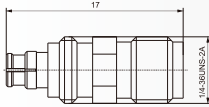
SMA/SMP-KK11



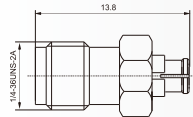
SMP-KK12G



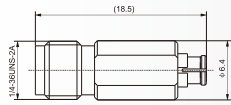
SMA/SMP-KYK



SMA/SMP-KK



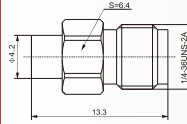
SMA/SMP-KK1



Note: The product shell is stainless steel



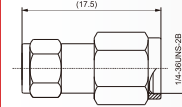
SMA/SMP-KJ



Note: The product shell is stainless steel



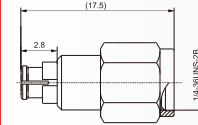
SMA/SMP-JJ



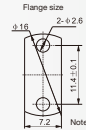
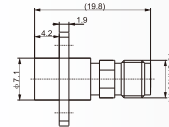
Note: The product shell is stainless steel



SMA/SMP-JK



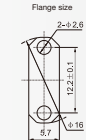
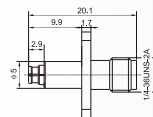
SMA/SMP-KFJ1



Note: The product shell is stainless steel

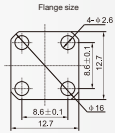
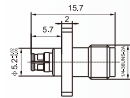


SMA/SMP-KFK1

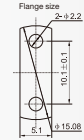
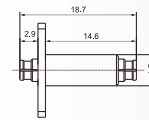




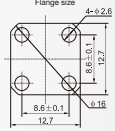
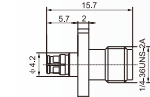
SMA/SMP-KFK2



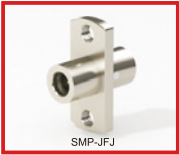
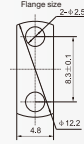
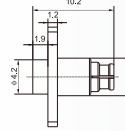
SMP-KFK1



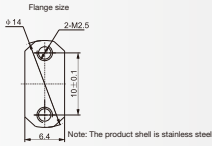
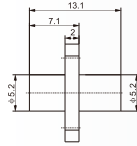
SMA/SMP-KFK3



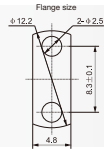
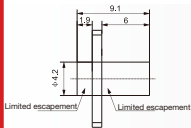
SMP-JFKG-1



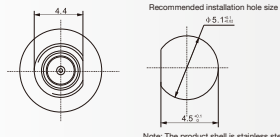
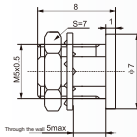
SMP-JFJ



SMP-JFJG-1



SMP-JY-1



SMPM

Type SMPM series products are ultra small push in RF coaxial connectors with structural characteristics similar to SMP, but with a smaller volume than SMP. It has the characteristics of small size, light weight, easy use, wide working frequency band, and allows for a certain degree of axial and radial misalignment, making it suitable for modular intensive installation. The SMPM series plug has two interface forms: full release and light hole, which can provide two types of connection protection to meet different usage environments.

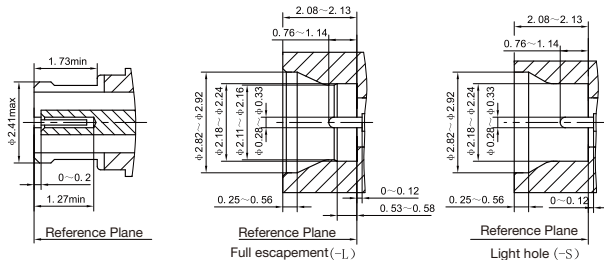
Key Performance

Characteristic Impedance	50 Ω	Frequency Range	DC~65GHz		
Insulation resistance	≥5000Ω	Dielectric Withstanding Voltage	500V		
Contact Resistance	Center Conductor ≤6.0mΩ, Outer Conductor ≤2.0mΩ				
RF Insertion loss	≤0.07√F(GHz) dB				
VSWR	Frequency	DC~18GHz	18~26.5GHz	26.5~40GHz	40~65GHz
	Straight	1.15	1.2	1.35	1.6
	Right Angle	1.3	—	—	—
Durability	500 times (-S)		100 times (-L)		

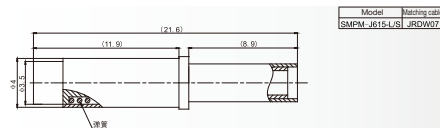
Materials & Plating

Central Contacts	Male Center Contacts	Tin phosphor bronze, gold plated Kovar, gold plated	Housing and other metal parts	Brass, gold or nickel plated Stainless Steel, Passivated
	Female Center Contacts	Beryllium bronze, gold plated		Kovar Alloy, Gold-plated
Insulation medium	PTFE or glass, etc.		Elastic parts	

Interface Dimensions



SMPM-J615-L/S



Model Matching cable
SMPM-J615-L/S JRDW07



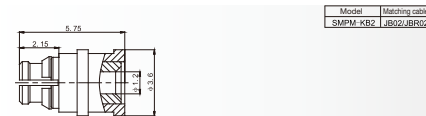
SMPM-KB1A



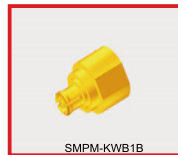
Model Matching cable
SMPM-KB1A J801/JB01



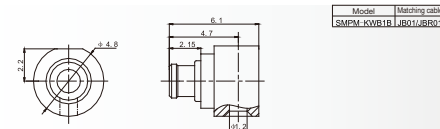
SMPM-KB2



Model Matching cable
SMPM-KB2 J802/JB02



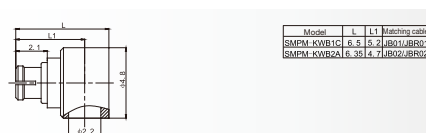
SMPM-KWB1B



Model Matching cable
SMPM-KWB1B J801/JB01



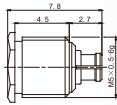
SMPM-KWB1C etc.



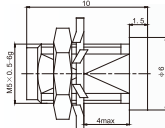
Model L L1 Matching cable
SMPM-KWB1C 6.5 5.2 J801/JB01
SMPM-KWB2A 6.35 4.7 J802/JB02



SMPM-JYK-L



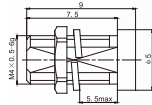
SMPM/MCX-JYK-L



Installation opening size



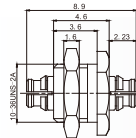
SMPM/MMCX-JYK-L



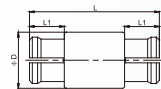
Installation opening size



SMPM-KYK



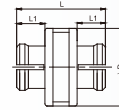
SMPM-KK etc.



Model	L	L1	D
SMPM-KK	6.45	1.73	2.2
SMPM-KK11	4.32	1.73	2.2
SMPM-KK13	9	1.73	2.2
SMPM-KK14	4	1.73	2.2
SMPM-KK17	5	2	2.4
SMPM-KK18	3.6	1.55	2.4



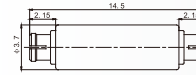
SMPM-KK1 etc.



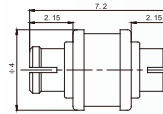
Model	L	L1	D
SMPM-KK1	4.4	1.4	2.35
SMPM-KK5	5.4	1.4	2.3
SMPM-KK5C	5.3	1.88	2.3
SMPM-KK5C	5.33	1.73	2.2



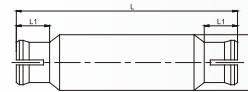
SMPM-KK2



SMPM-KK3



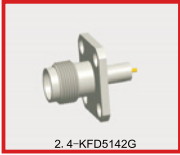
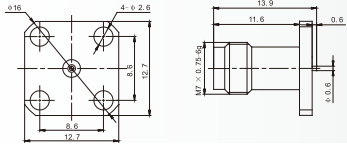
SMPM-KK6



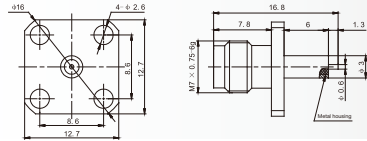
Model	L	L1
SMPM-KK6B	5.3	1.7
SMPM-KK6	7.37	1.65
SMPM-KK7	8.48	1.65
SMPM-KK6	10.97	1.65



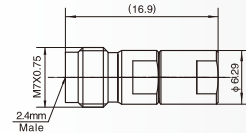
2.4-KFDS15



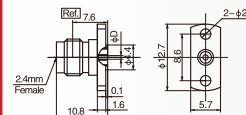
2.4-KFD5142G



2.4-K3506



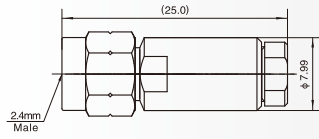
2.4-KFD8.6



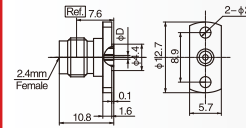
Type	Cable type
2.4-KFD2812	0.012inch / 0.30mm
2.4-KFD2815	0.015inch / 0.38mm
2.4-KFD2818	0.018inch / 0.46mm
2.4-KFD2820	0.020inch / 0.51mm



2.4-J147A&3507



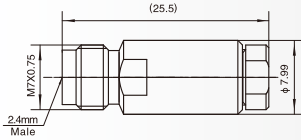
2.4-KFD8.9



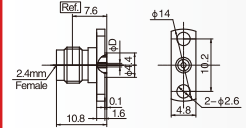
Type	Cable type
2.4-KFD2912	0.012inch / 0.30mm
2.4-KFD2915	0.015inch / 0.38mm
2.4-KFD2918	0.018inch / 0.46mm
2.4-KFD2920	0.020inch / 0.51mm



2.4-K147A&3507



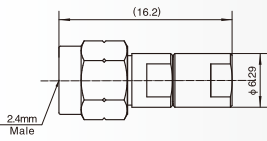
2.4-KFD10.2



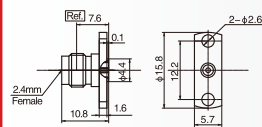
Type	Cable type
2.4-KFD21012	0.012inch / 0.30mm
2.4-KFD21015	0.015inch / 0.38mm
2.4-KFD21018	0.018inch / 0.46mm
2.4-KFD21020	0.020inch / 0.51mm



2.4-J3506



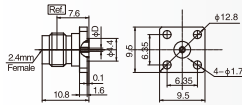
2.4-KFD12.2



Type	Cable type
2.4-KFD21212	0.012inch / 0.30mm
2.4-KFD21215	0.015inch / 0.38mm
2.4-KFD21218	0.018inch / 0.46mm
2.4-KFD21220	0.020inch / 0.51mm



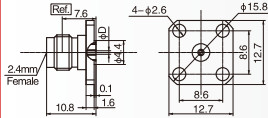
2.4-KFD4-9.5



Type	Cable type
2.4-KFD4612	0.012inch / 0.30mm
2.4-KFD4615	0.015inch / 0.38mm
2.4-KFD4618	0.018inch / 0.46mm
2.4-KFD4620	0.020inch / 0.51mm



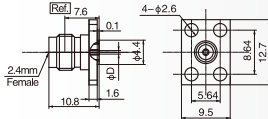
2.4-KFD4-12.7



Type	Cable type
2.4-KFD4912	0.012inch / 0.30mm
2.4-KFD4915	0.015inch / 0.38mm
2.4-KFD4918	0.018inch / 0.46mm
2.4-KFD4920	0.020inch / 0.51mm



2.4-KFD4-8.6



Type	Cable type
2.4-KFD4512	0.012inch / 0.30mm
2.4-KFD4515	0.015inch / 0.38mm
2.4-KFD4518	0.018inch / 0.46mm
2.4-KFD4520	0.020inch / 0.51mm

K2.92mm

Series KRF coaxial connectors are precision millimetre-wave connectors developed from series SMA. Which have the good features of small size, Light weight, high frequency range and Superior reliability, are widely used in the modern precision measurement and micro-wave communication equipment. Which also can be interchangeable with series SMA and APC3.5.

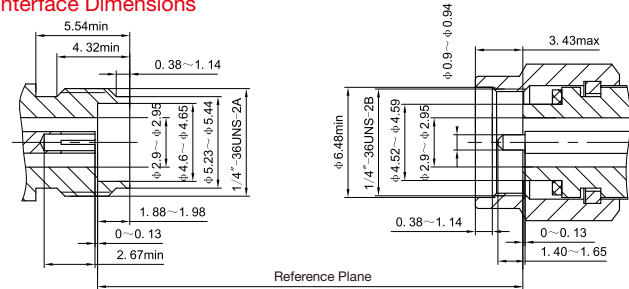
Key Performance

Characteristic Impedance	50 Ω	Frequency Range	DC~67GHz
Insulation resistance	≥5000M Ω	Dielectric Withstanding Voltage	500V
Contact Resistance	Center Conductor ≤4.0m Ω, Outer Conductor ≤2.5m Ω		
RF Insertion loss	≤0.05 √F(GHz) dB	Durability	500 times
VSWR	DC~18GHz	18~40GHz	40~50GHz
	1.15	1.2	1.3

Materials & Plating

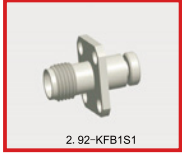
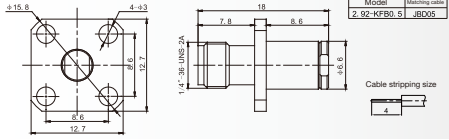
Central Contacts	Female Center Contacts	Brass, Gold Plating Beryllium, Gold Plating	Body and other Metal Parts	Brass, Gold Plating Stainless Steel, Passivated
Gaskets		Sillion Rubber	—	—

Interface Dimensions

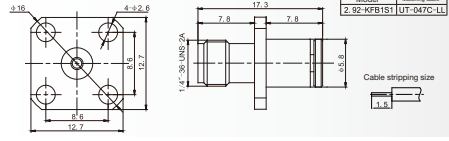




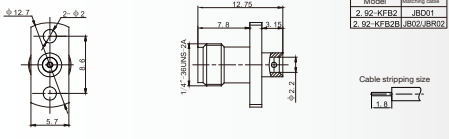
2.92-KFB0.5



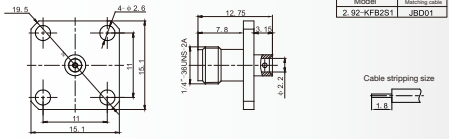
2.92-KFB1S1



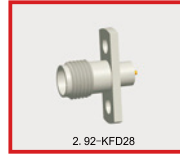
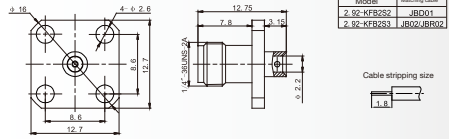
2.92-KFB2 etc.



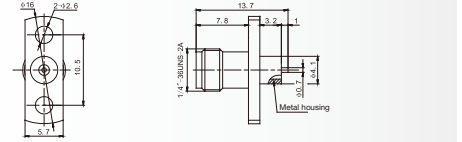
2.92-KFB2S1



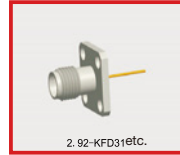
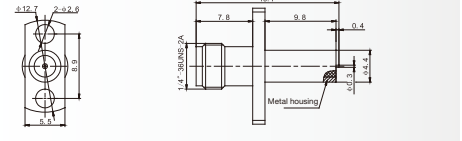
2.92-KFB2S2 etc.



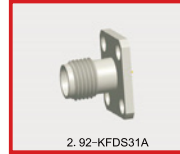
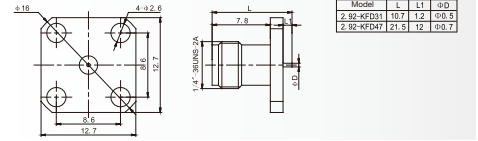
2.92-KFD28



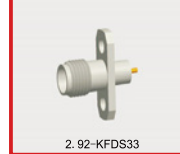
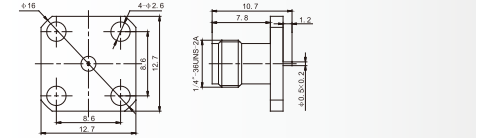
2.92-KFDS29



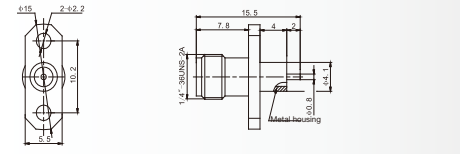
2.92-KFD31 etc.

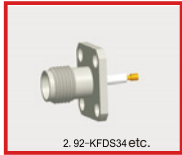


2.92-KFDS31A

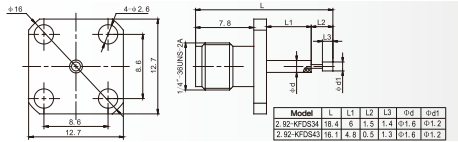


2.92-KFDS33

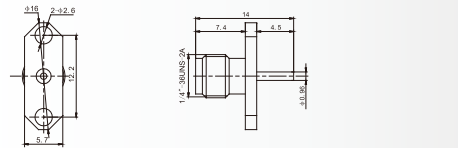




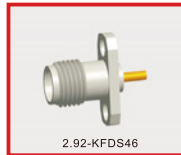
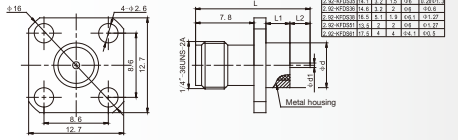
2.92-KFDS34 etc.



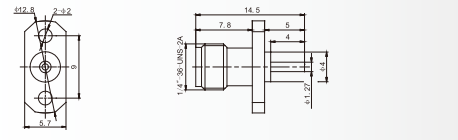
2.92-KFDS41 etc.



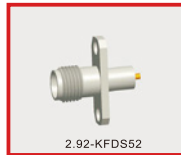
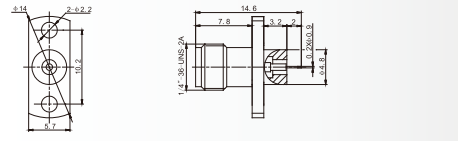
2.92-KFDS35 etc.



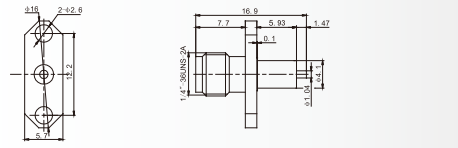
2.92-KFDS46



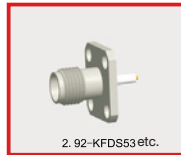
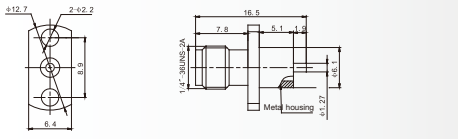
2.92-KFDS37



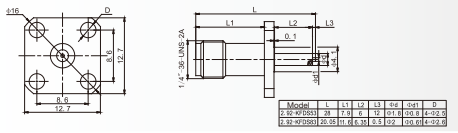
2.92-KFDS52



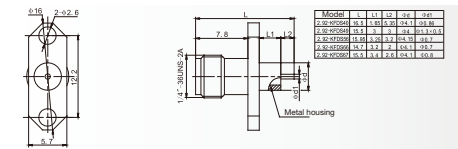
2.92-KFDS39



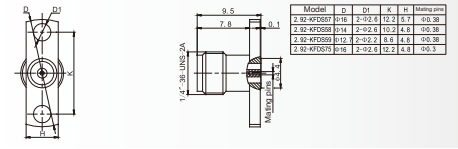
2.92-KFDS53 etc.



2.92-KFDS40 etc.

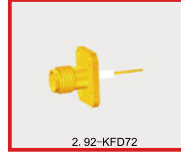
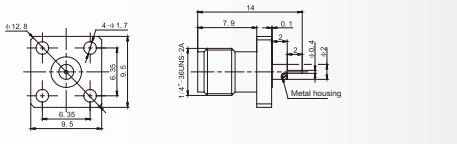


2.92-KFD57 etc.

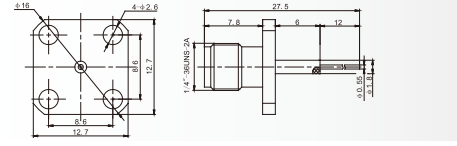




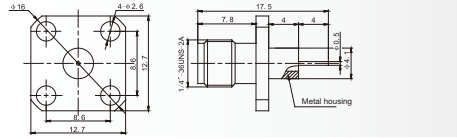
2.92-KFDS60



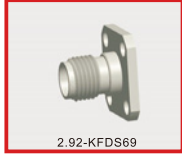
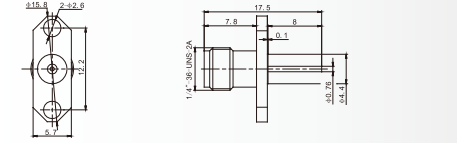
2.92-KFD72



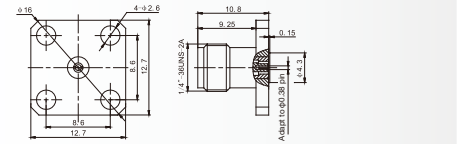
2.92-KFDS61



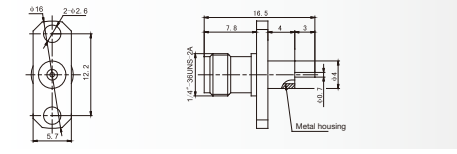
2.92-KFDS73



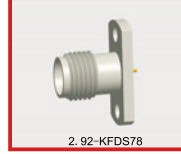
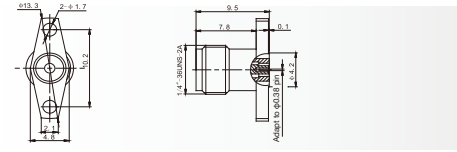
2.92-KFDS69



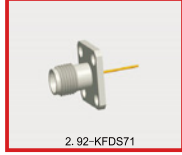
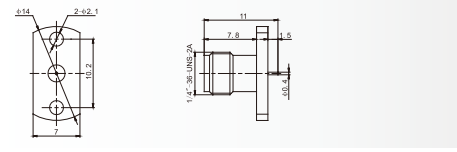
2.92-KFD76



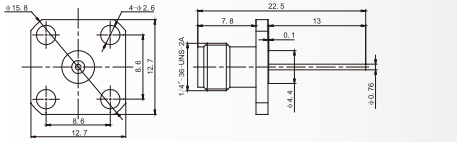
2.92-KFDS70



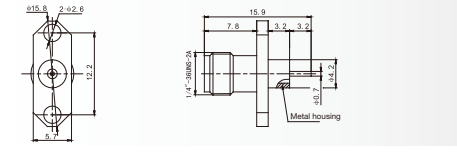
2.92-KFDS78

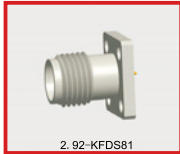


2.92-KFDS71

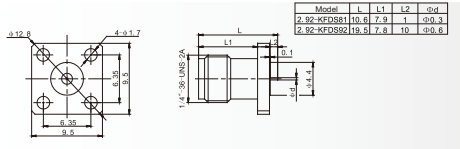


2.92-KFD79

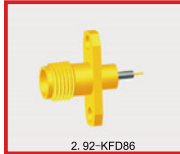
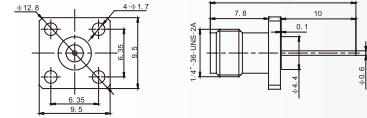




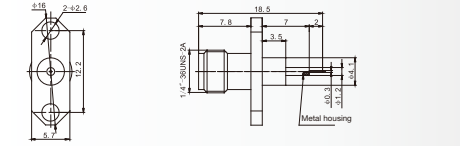
2. 92-KFDS81



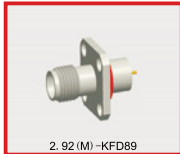
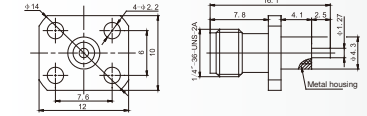
2. 92-KFDS92



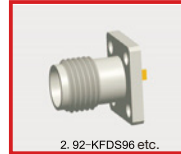
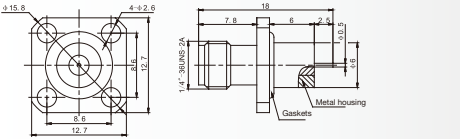
2. 92-KFD86



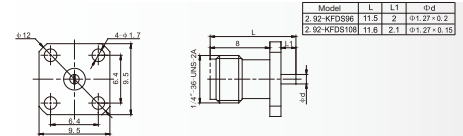
2. 92-KFDS95



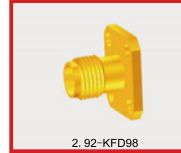
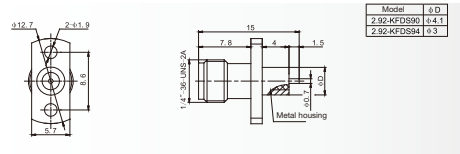
2. 92 (M)-KFD89



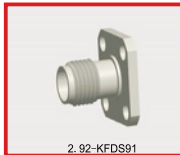
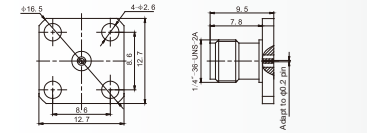
2. 92-KFDS96 etc.



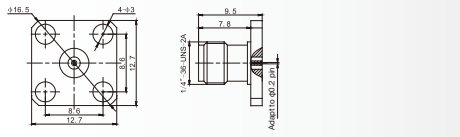
2. 92-KFDS90 etc.



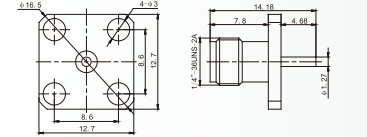
2. 92-KFD98



2. 92-KFDS91

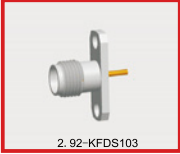
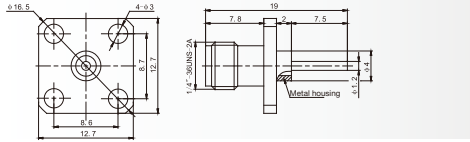


2. 92-KFD99

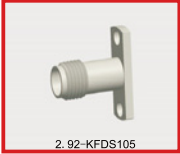
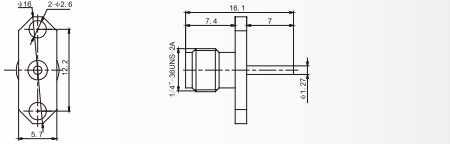




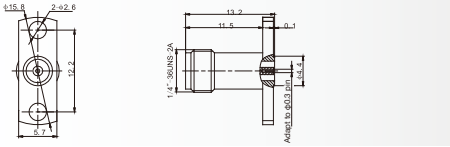
2.92-KFD100



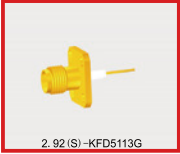
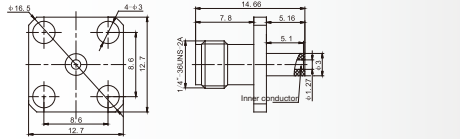
2.92-KFDS103



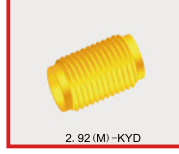
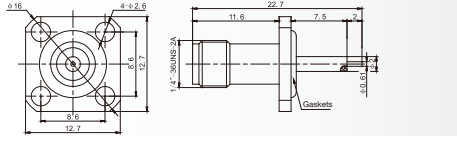
2.92-KFDS105



2.92-KFD112



2.92(S)-KFD5113G



2.92(IM)-KYD



2.92-KYDS etc.



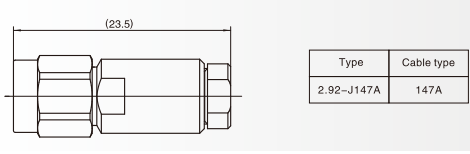
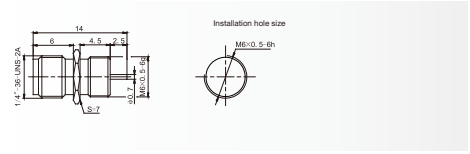
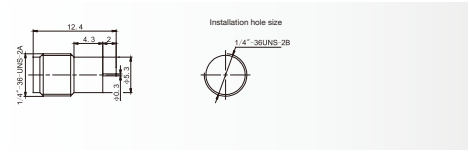
2.92-KYD3



2.92-KYDS5

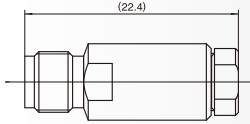


2.92-J147A





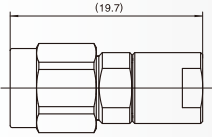
2.92-K147A



Type	Cable type
2.92-K147A	147A



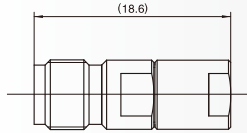
2.92-J3506



Type	Cable type
2.92-J3506	3506



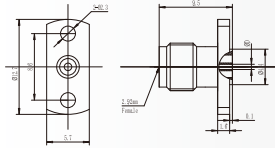
2.92-K3506



Type	Cable type
2.92-K3506	3506



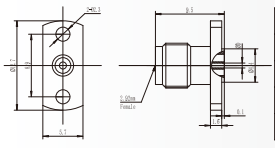
2.92-KFD8.6



Type	Cable type
2.92-KFD2812	0.012inch / 0.30mm
2.92-KFD2815	0.015inch / 0.38mm
2.92-KFD2818	0.018inch / 0.46mm
2.92-KFD2820	0.020inch / 0.51mm



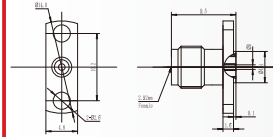
2.92-KFD8.9



Type	Cable type
2.92-KFD2912	0.012inch / 0.30mm
2.92-KFD2915	0.015inch / 0.38mm
2.92-KFD2918	0.018inch / 0.46mm
2.92-KFD2920	0.020inch / 0.51mm



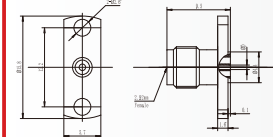
2.92-KFD10.2



Type	Cable type
2.92-KFD21012	0.012inch / 0.30mm
2.92-KFD21015	0.015inch / 0.38mm
2.92-KFD21018	0.018inch / 0.46mm
2.92-KFD21020	0.020inch / 0.51mm



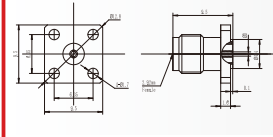
2.92-KFD12.2



Type	Cable type
2.92-KFD21212	0.012inch / 0.30mm
2.92-KFD21215	0.015inch / 0.38mm
2.92-KFD21218	0.018inch / 0.46mm
2.92-KFD21220	0.020inch / 0.51mm



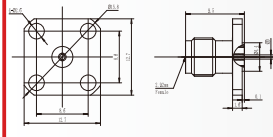
2.92-KFD4-6.35



Type	Cable type
2.92-KFD4612	0.012inch / 0.30mm
2.92-KFD4615	0.015inch / 0.38mm
2.92-KFD4618	0.018inch / 0.46mm
2.92-KFD4620	0.020inch / 0.51mm



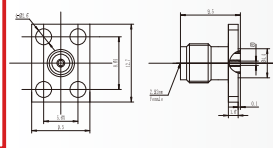
2.92-KFD4-12.7



Type	Cable type
2.92-KFD4912	0.012inch / 0.30mm
2.92-KFD4915	0.015inch / 0.38mm
2.92-KFD4918	0.018inch / 0.46mm
2.92-KFD4920	0.020inch / 0.51mm



2.92-KFD4-5.64



Type	Cable type
2.92-KFD4512	0.012inch / 0.30mm
2.92-KFD4515	0.015inch / 0.38mm
2.92-KFD4518	0.018inch / 0.46mm
2.92-KFD4520	0.020inch / 0.51mm

3.5mm

The 3.5mm series millimeter wave coaxial connector adopts an air interface, with a frequency of up to 33GHz, and can be docked and exchanged with SMA series and 2.92 series products. It has the advantages of small size, light weight, high frequency of use, and reliable connection, and is widely used in modern precision measurement fields and various millimeter wave communication equipment

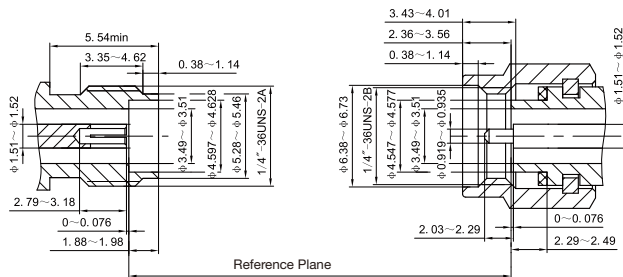
Key Performance

Characteristic Impedance	50 Ω	Frequency Range	DC~33GHz
Insulation resistance	$\geq 5000M \Omega$	Dielectric Withstanding Voltage	1000V
Contact Resistance	Center Conductor $\leq 3.0m\Omega$, Outer Conductor $\leq 2.0m\Omega$		
RF Insertion loss	$\leq 0.05 \sqrt{F(\text{GHz})}$ dB	Durability	500times
VSWR	$\leq 1.1+0.005F(\text{GHz})$	—	—

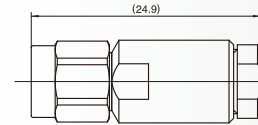
Materials & Plating

Central Contacts	Female Center Contacts	Brass, Gold Plating Beryllium, Gold Plating	Body and other Metal Parts	Brass, Gold Plating Stainless Steel, Passivated
Gaskets		Silicon Rubber	—	—

Interface Dimensions



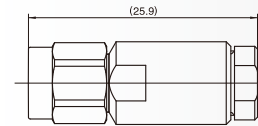
3.5-J147A



Type	Cable type
3.5-J147A	147A



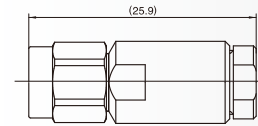
3.5-J205A



Type	Cable type
3.5-J205A	205A



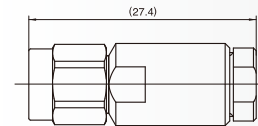
3.5-J500



Type	Cable type
3.5-J500	500



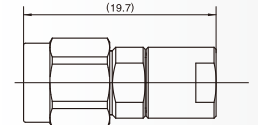
3.5-J550



Type	Cable type
3.5-J550	550



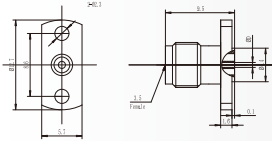
3.5-J3506



Type	Cable type
3.5-J3506	J3506



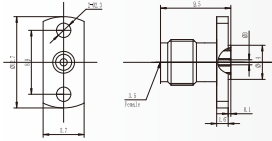
3.5-KFD8.6



Type	Cable type
3.5-KFD2812	0.012inch / 0.30mm
3.5-KFD2815	0.015inch / 0.38mm
3.5-KFD2818	0.018inch / 0.46mm
3.5-KFD2820	0.020inch / 0.51mm



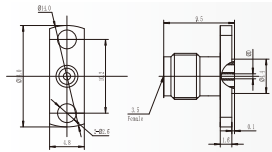
3.5-KFD8.9



Type	Cable type
3.5-KFD2912	0.012inch / 0.30mm
3.5-KFD2915	0.015inch / 0.38mm
3.5-KFD2918	0.018inch / 0.46mm
3.5-KFD2920	0.020inch / 0.51mm



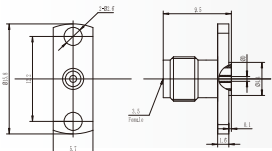
3.5-KFD10.2



Type	Cable type
3.5-KFD21012	0.012inch / 0.30mm
3.5-KFD21015	0.015inch / 0.38mm
3.5-KFD21018	0.018inch / 0.46mm
3.5-KFD21020	0.020inch / 0.51mm



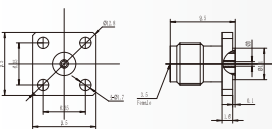
3.5-KFD12.2



Type	Cable type
3.5-KFD21212	0.012inch / 0.30mm
3.5-KFD21215	0.015inch / 0.38mm
3.5-KFD21218	0.018inch / 0.46mm
3.5-KFD21220	0.020inch / 0.51mm



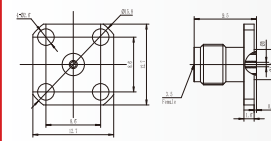
3.5-KFD4-6.35



Type	Cable type
3.5-KFD4612	0.012inch / 0.30mm
3.5-KFD4615	0.015inch / 0.38mm
3.5-KFD4618	0.018inch / 0.46mm
3.5-KFD4620	0.020inch / 0.51mm



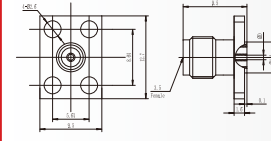
3.5-KFD4-12.7



Type	Cable type
3.5-KFD4912	0.012inch / 0.30mm
3.5-KFD4915	0.015inch / 0.38mm
3.5-KFD4918	0.018inch / 0.46mm
3.5-KFD4920	0.020inch / 0.51mm



3.5-KFD4-5.64



Type	Cable type
3.5-KFD4512	0.012inch / 0.30mm
3.5-KFD4515	0.015inch / 0.38mm
3.5-KFD4518	0.018inch / 0.46mm
3.5-KFD4520	0.020inch / 0.51mm

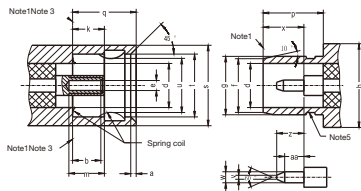
BMA

Type BMA are snap-on coupling miniature RF coaxial connectors, which are especially designed for blind mate applications in low power microwave communication system, military and civil data microwave communication system where high reliability and easy assembly will be required. The interface mating dimensions and technical characteristics are according to the standard of IEC1169-33.

Key Performance

Characteristic Impedance	50 Ω	Frequency Range	0~18GHz
Insulation resistance	≥5000M Ω	Dielectric Withstanding Voltage	1000V
Contact Resistance	Center Conductor ≤0.003Ω , Outer Conductor ≤0.002Ω	Temperature range	-65~+125°C
	VSWR ≤1.15+0.012f		

Interface Dimensions



Symbol	MIN (mm)	MAX (mm)	Note	Symbol	MIN(mm)	MAX(mm)	Note
a	0.38	0.51	Chamfer	q	—	5.029	—
b	2.845	—	—	s	Φ 7.370	—	—
d	—	—	—	t	Φ 5.720	—	Diameter
e	—	—	2 Diameter	u	—	—	Diameter
f	Φ4.890 (Nominal value)	—	Diameter	v	—	0.380	4 Diameter
g	5.309	5.359	Diameter	w	Φ 0.9017	Φ0.9398	Diameter
h	Φ7.620 (Nominal value)	—	Diameter	x	3.252	3.429	Diameter
k	3.048	3.225	3	z	2.159	2.413	—
m	2.921	—	—	aa	1.346	—	—
p	5.055	—	—	—	—	—	—

Note 1: Mechanical and electrical reference planes.

Note 2: When the hole is mated with a pin with a diameter of 0.9017/0.9398mm (0.0355/0.0370in), the electrical and mechanical performance requirements are met.

Note 3: To the bottom of the spring.

Note 4: Meet the electrical and mechanical performance requirements

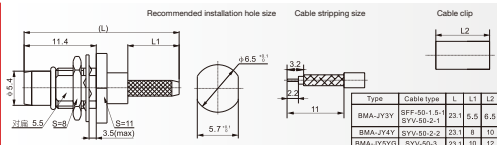
Note 5: The design and positioning of the seal are arbitrary, but when the interface gap is not greater than 0.38mm (0.015in), it should be ensured that the environmental performance requirements can be met.

Note 6: From the reference plane to the electrical and mechanical contact parts

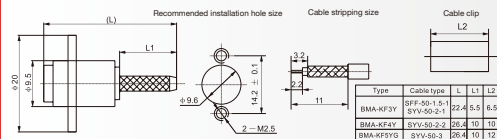
Note: Models with a G at the end have stainless steel housings.



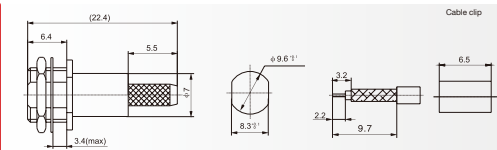
BMA-JY3Y etc.



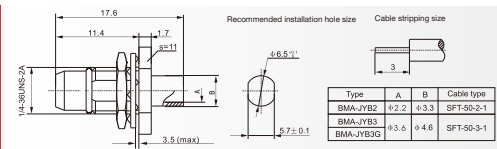
BMA-KF5Y etc.



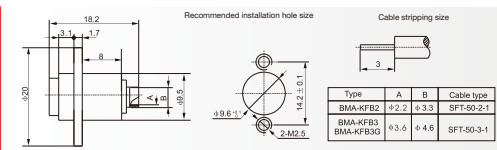
BMA-KY3Y



BMA-JYB2 etc.

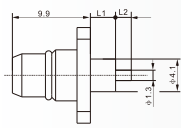


BMA-KFB2 etc.





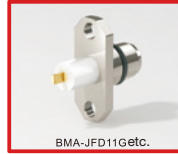
BMA-JFD etc.



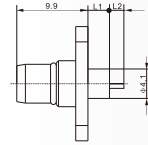
Recommended installation hole size



Type	L1	L2
BMA-JFD	3.2	2.0
BMA-JFDG	3.2	2.0
BMA-JFDG3	3.2	2.3



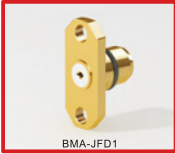
BMA-JFD11 Getc.



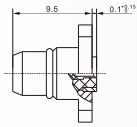
Recommended installation hole size



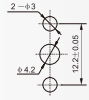
Type	L1	L2
BMA-JFD11G	5.0	2.0
BMA-JFD17	3.0	2.0
BMA-JFD17G	3.0	2.0



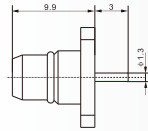
BMA-JFD1



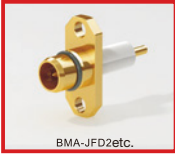
Recommended installation hole size



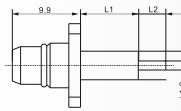
BMA-JFD14



Recommended installation hole size



BMA-JFD2 etc.



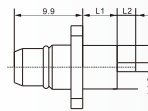
Recommended installation hole size



Type	L1	L2	Type	L1	L2
BMA-JFD2	1.4	4.0	BMA-JFD2G	8.4	2.0
BMA-JFD2S	1.4	4.0	BMA-JFD9	8.4	2.0
BMA-JFD5G	3.0	2.3	BMA-JFD12	4.0	3.0
BMA-JFD6	3.0	2.0	BMA-JFD13	3.0	3.0



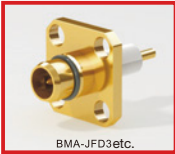
BMA-JFD15 Getc.



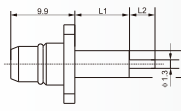
Recommended installation hole size



Type	L1	L2
BMA-JFD15G	4.0	2.0
BMA-JFD16G	3.2	1.5



BMA-JFD3 etc.



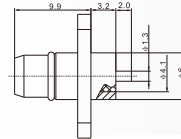
Recommended installation hole size



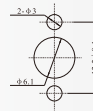
Type	L1	L2
BMA-JFD3	8.4	4.0
BMA-JFD3G	8.4	4.0
BMA-JFD8	4.0	2.0
BMA-JFD9G	4.0	2.0
BMA-JFD10	8.4	3.0



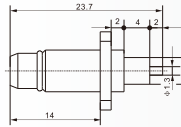
BMA-JFD23G



Recommended installation hole size



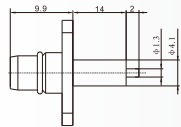
BMA-JFD4



Recommended installation hole size



BMA-JFD24

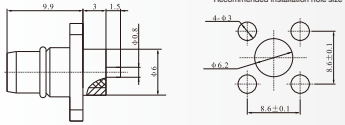


Recommended installation hole size

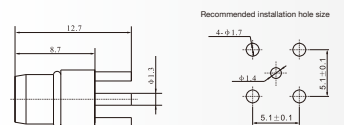




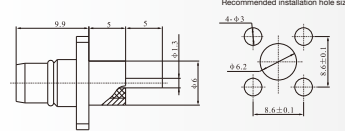
BMA-JFD25G



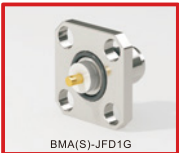
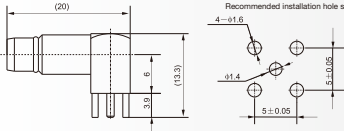
BMA-JHD



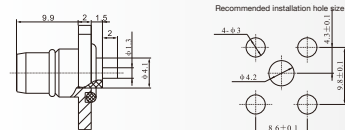
BMA-JFD26G



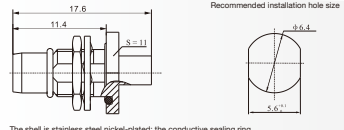
BMA-JWHD



BMA(S)-JFD1G



BMA(S)-JYB2G

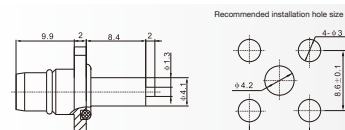


The shell is stainless steel nickel-plated; the conductive sealing ring material is: aluminum silver-plated silicone rubber

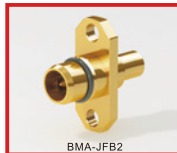
Cable type:SFT-50-2-1



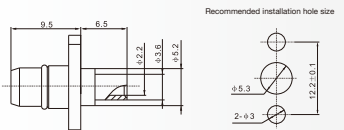
BMA(S)-JFD2G



Conductive sealing ring material: aluminum silver-plated silicone rubber



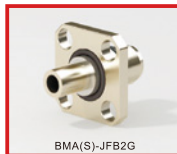
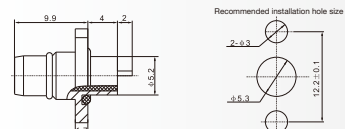
BMA-JFB2



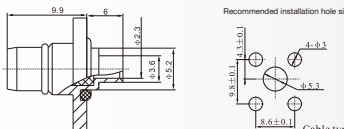
Cable type:SFT-50-2-1



BMA(S)-JFD3G

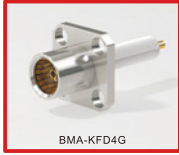


BMA(S)-JFB2G

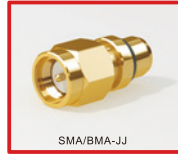
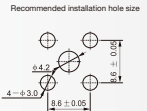
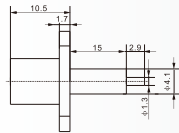


Cable type:SFT-50-2-1

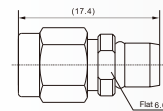
Nickel-plated stainless steel housing



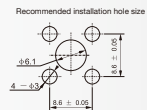
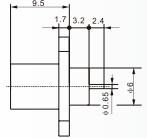
BMA-KFD4G



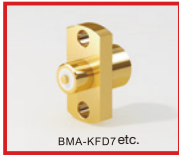
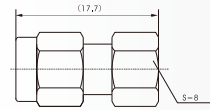
SMA/BMA-JJ



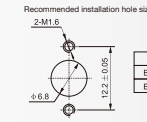
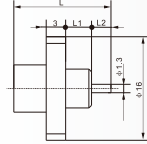
BMA-KFD6



SMA/BMA-JK



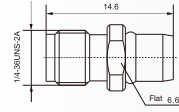
BMA-KFD7etc.



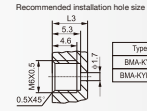
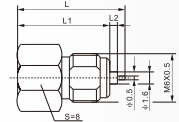
Type	L	L1	L2
BMA-KFD7	12.0	4.0	0.7
BMA-KFD8	11.6	2.5	0.5



SMA/BMA-KJ



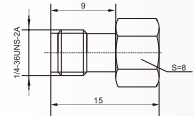
BMA-KYDetc.



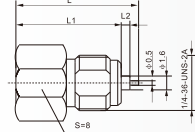
Type	L	L1	L2	L3
BMA-KYD	13.8	11.3	1.3	6.6
BMA-KYD2G	13.2	11.3	1.0	6.4



SMA/BMA-KK



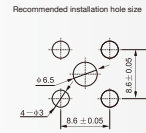
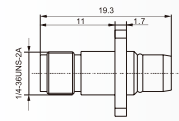
BMA-KYD1etc.



Type	L	L1	L2	L3
BMA-KYD1	13.0	11.3	1.3	6.6
BMA-KYD3G	15.3	11.3	1.6	7.9
BMA-KYD4G	15.3	11.3	2.1	7.8

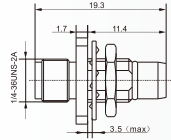


SMA/BMA-KFJ





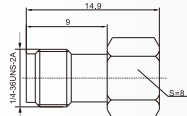
SMA/BMA-KYJ



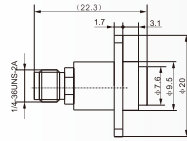
Recommended installation hole size



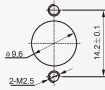
SMA/BMA-KKG



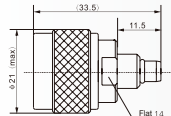
SMA/BMA-KFKG



Recommended installation hole size



N/BMA-JJ



SBMA

The SBMA series RF coaxial connector is a new type of low-power transmission blind plug connector, which is a miniaturized product of the BMA series connector. It has the characteristics of fast insertion and removal, easy connection, small size, light severity, high frequency of use, and can float in both axial and radial directions. It is suitable for blind fit of chassis and cabinets, and is conducive to the modularization of radar and other whole machine systems.

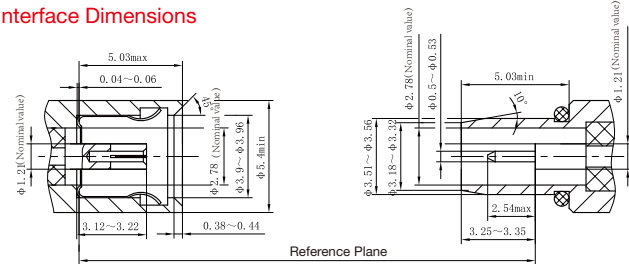
Key Performance

Characteristic Impedance	50 Ω	Durability	1000 times
Insulation resistance	≥5000M Ω	Dielectric Withstanding Voltage	675V
Contact Resistance	Center Conductor ≤8. 0m Ω , Outer Conductor ≤3. 0m Ω		
Frequency Range	Straight DC~28GHz	RF Insertion loss	Straight ≤0. 05√ F(GHz) dB
	Right Angle DC~18GHz		Right Angle ≤0. 08√ F(GHz) dB
VSWR	Straight ≤1. 05+0. 012F (GHz)	—	
	Right Angle ≤1. 06+0. 015F (GHz)		

Materials & Plating

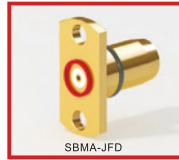
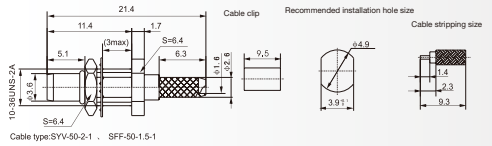
Central Contacts	Pin	Tin phosphor bronze, gold plated	Body and other Metal Parts	Brass, gold or nickel plated
Insulators	Jack	Beryllium bronze, gold plated	Elastic parts	Stainless steel, passivated
Gaskets		PTFE		Beryllium bronze, gold plated
		Silicone Rubber		

Interface Dimensions

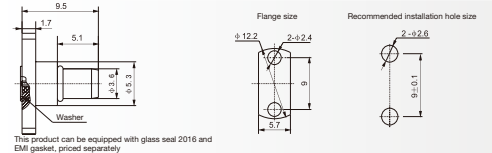




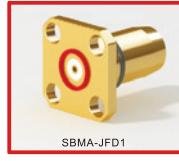
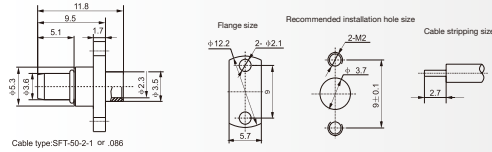
SBMA-JY3G



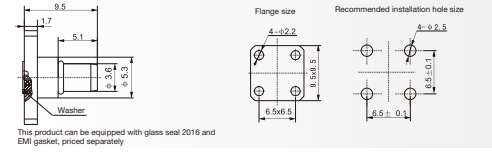
SBMA-JFD



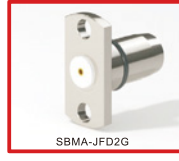
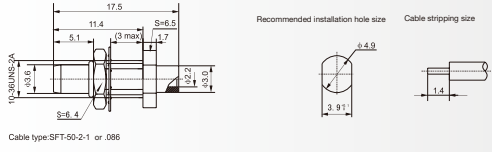
SBMA-JFB2



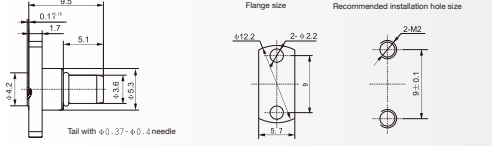
SBMA-JFD1



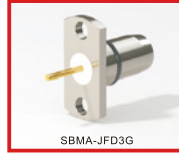
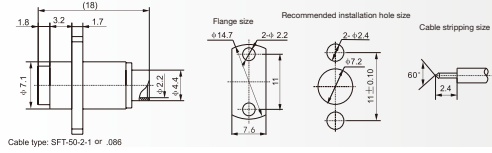
SBMA-JYB2



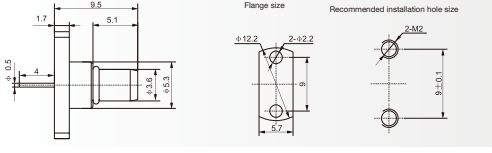
SBMA-JFD2G



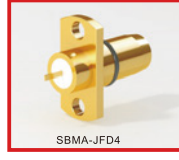
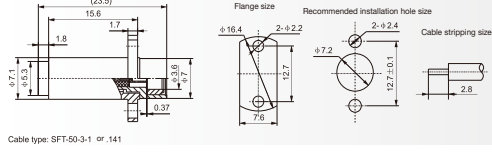
SBMA-KFB2G



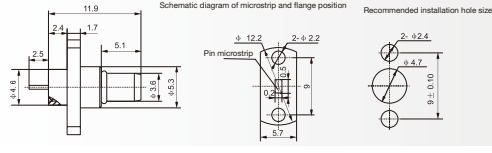
SBMA-JFD3G

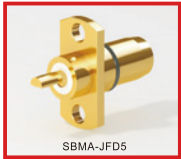


SBMA-KFB3G

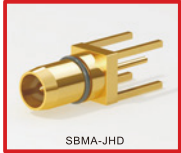
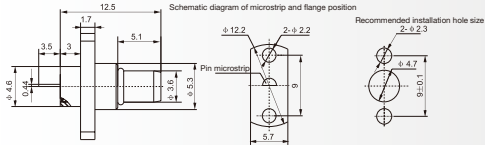


SBMA-JFD4

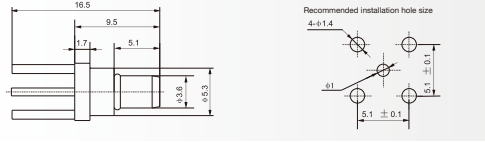




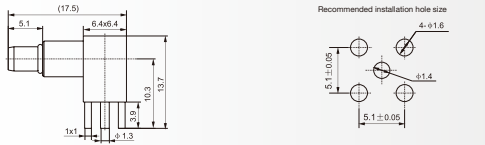
SBMA-JFD5



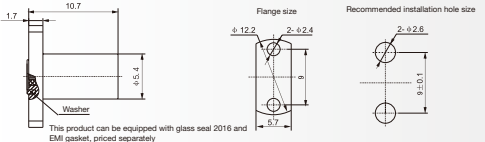
SBMA-JHD



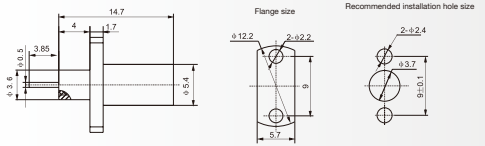
SBMA-JWHD



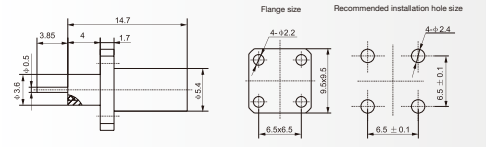
SBMA-KFD



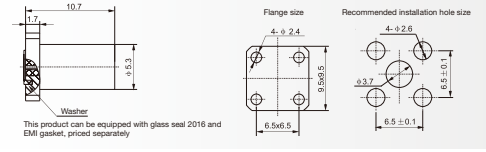
SBMA-KFD1



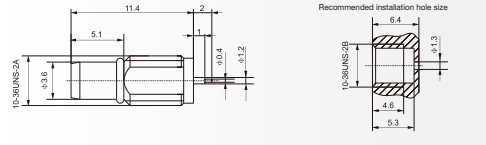
SBMA-KFD2



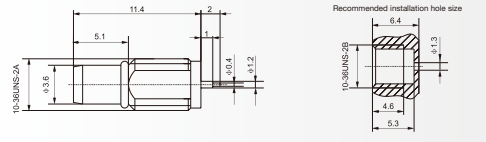
SBMA-KFD3



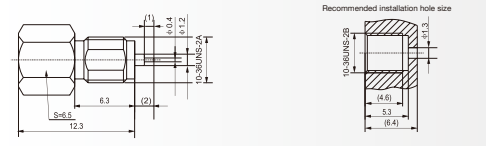
SBMA-JYD



SBMA-JYDG

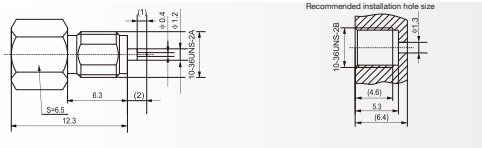


SBMA-KYD

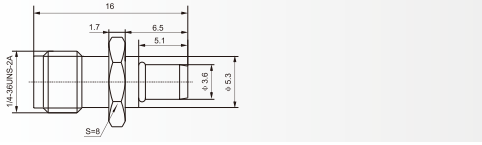




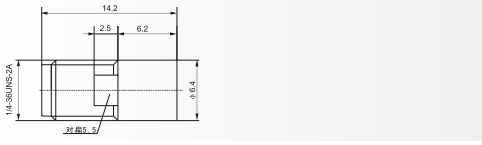
SBMA-KYDG



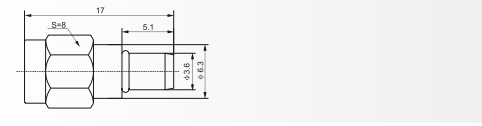
SMA/SBMA-KJ



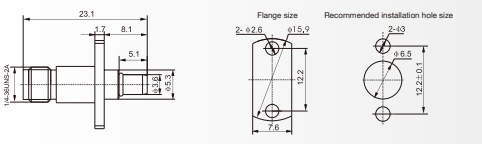
SMA/SBMA-KK



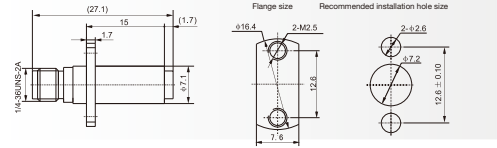
SMA/SBMA-JJ



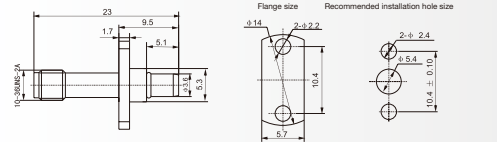
SMA/SBMA-KFJ



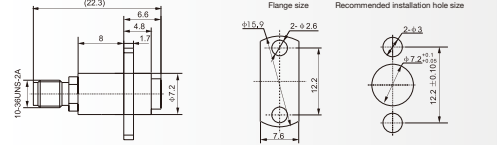
SMA/SBMA-KFK



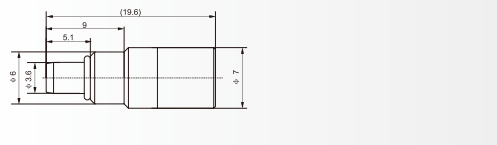
SSMA/SBMA-KFJ



SSMA/SBMA-KFK



SBMA-JR



SMB

Type SMB is one kind of miniature RF coaxial connectors with snap-on coupling mechanism. The characteristic of this type is in small size, light weight, easy to use and excellent electrical performance, they are widely used in radio communication, test equipment, TV base-station and micro-wave system. The interface mating dimensions and technical characteristics are according to the standard of MIL-C-39012, IEC169-10 and CECC22130.

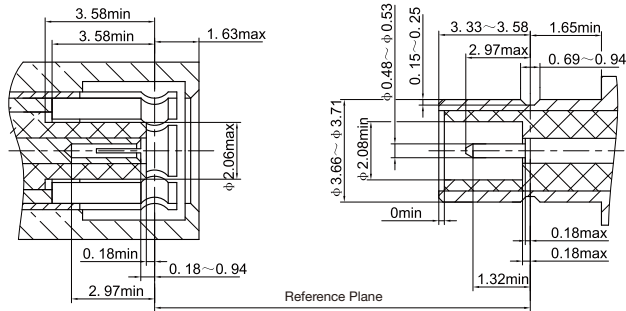
Key Performance

Characteristic Impedance	50 Ω	Frequency Range	DC ~ 4 GHz
Insulation resistance	≥ 1000M Ω	Dielectric Withstanding Voltage	750V
Contact Resistance	Center Conductor ≤ 6.0m Ω, Outer Conductor ≤ 1.0m Ω		
VSWR	Straight ≤ 1.3	RF Insertion loss	Straight ≤ 0.06√F (GHz) dB
	Right Angle ≤ 1.5		Right Angle ≤ 0.10√F (GHz) dB
Durability	500times		

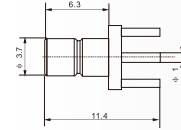
Materials & Plating

Central Contacts	Pin Jack	Tin phosphor bronze, gold plated Beryllium bronze, gold plated	Body and other Metal Parts	Brass, gold or nickel plated Stainless steel, passivated
Insulators		PTFE	Elastic parts	Beryllium bronze, gold plated

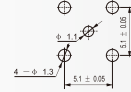
Interface Dimensions



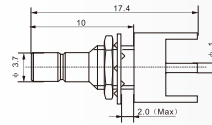
SMB-JHD



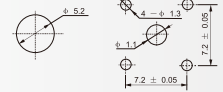
Recommended installation hole size



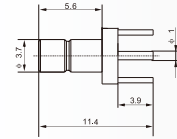
SMB-JHD1



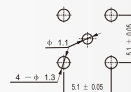
Recommended installation hole size



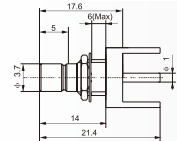
SMB-JHDA



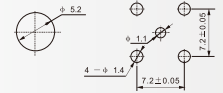
Recommended installation hole size



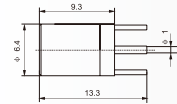
SMB-JHD2



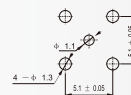
Recommended installation hole size



SMB-KHD
SMB-KHD3

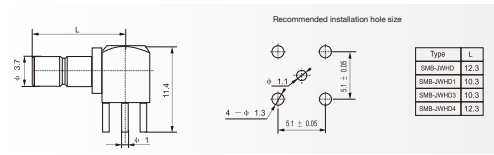


Recommended installation hole size

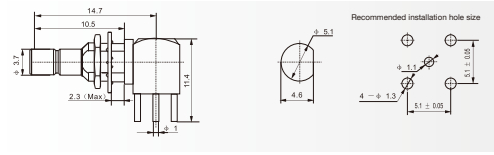




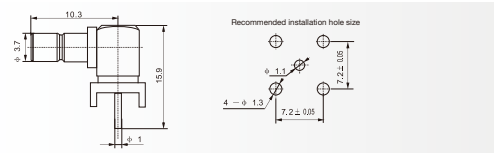
SMB-JWHD 等



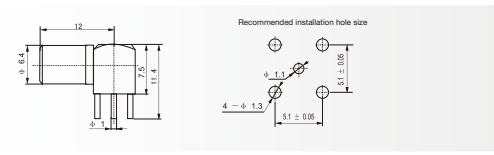
SMB-JWHY



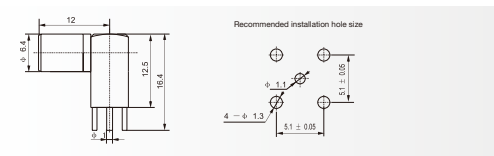
SMB-JWHD2



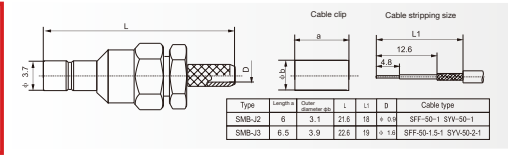
SMB-KWHD



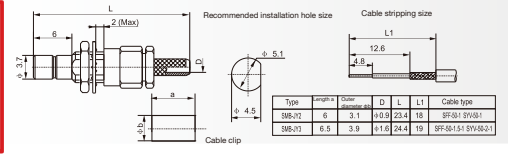
SMB-KWHD3



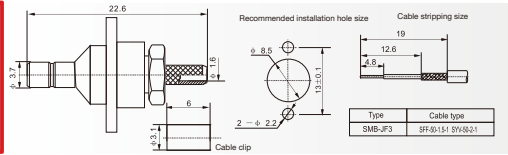
SMB-J2 etc.



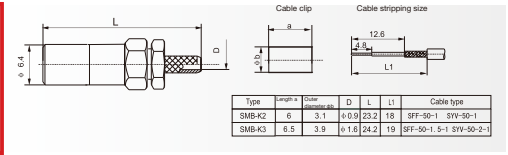
SMB-JY2 etc.



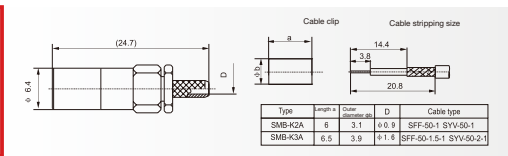
SMB-JF3



SMB-K2 etc.

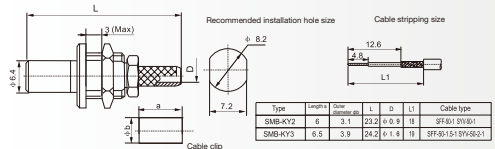


SMB-K2A etc.

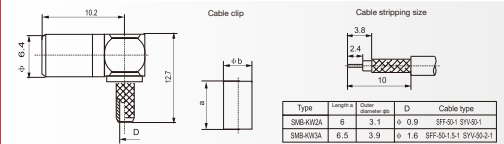




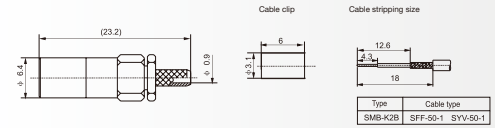
SMB-KY2 etc.



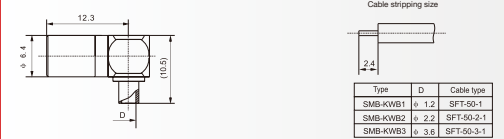
SMB-KW2a etc.



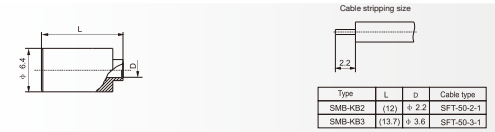
SMB-K2B etc.



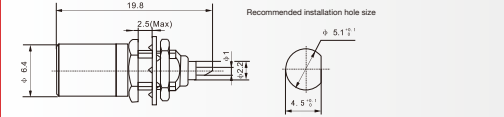
SMB-KWB1 etc.



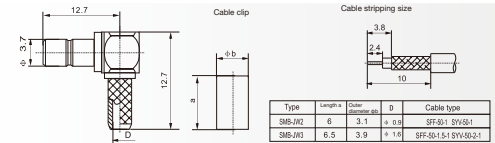
SMB-KB2 etc.



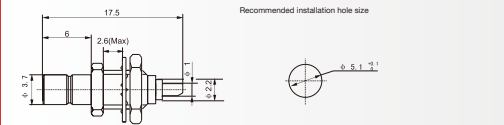
SMB-KY



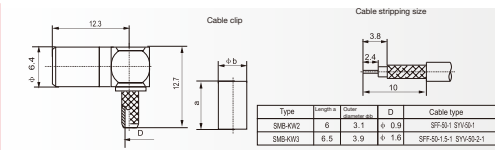
SMB-JW2 etc.



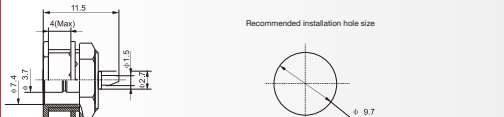
SMB-JYa



SMB-KW2 etc.

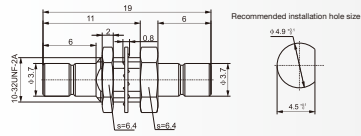


SMB-JY-5

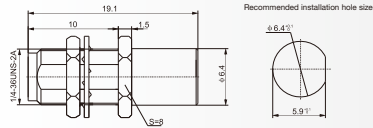




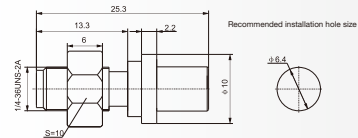
SMB-JJ4



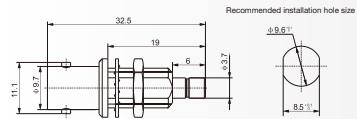
SMA/SMB-50KKY



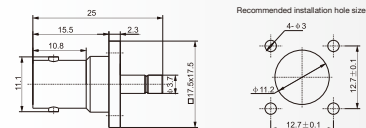
SMA/SMB-KKYA-1



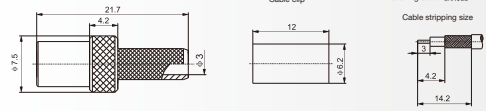
BNC/SMB-KJY



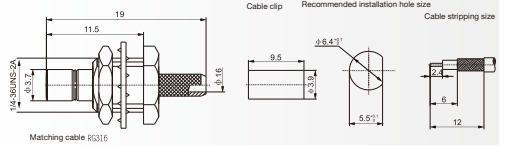
BNC/SMB-50KFJ



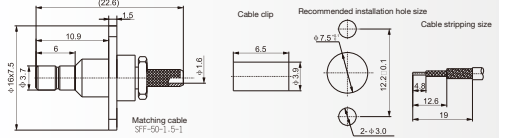
SMB-K195



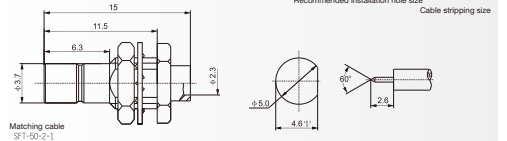
SMB-JY316



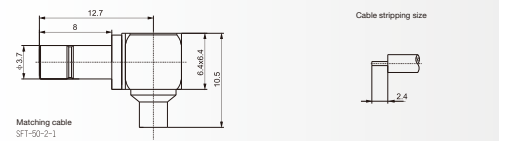
SMB-JF3-1



SMB-JYB2

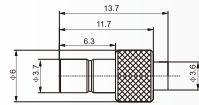


SMB-JWB2





SMB-JB2G

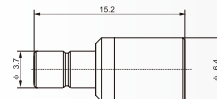


Matching cable
SFT-50-2-1

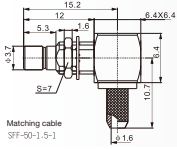
Cable stripping size



SMB-JK



SMB-JWY3



Matching cable
SFT-50-1.5-1

Cable clip



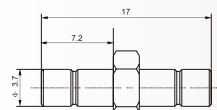
Recommended installation hole size



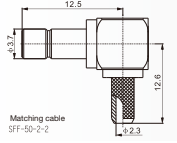
Cable stripping size



SMB-JJ



SMB-JW4

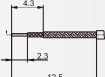


Matching cable
SFT-50-2-2

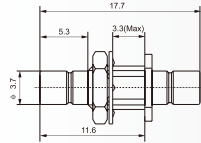
Cable clip



Cable stripping size



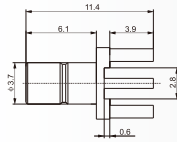
SMB-JY1



Recommended installation hole size



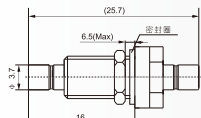
SMB-JHD4



Recommended installation hole size



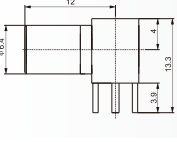
SMB (M) -JY



Recommended installation hole size



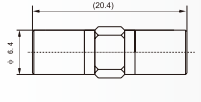
SMB-KWHD5

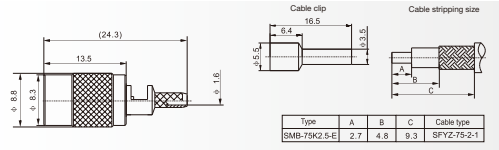
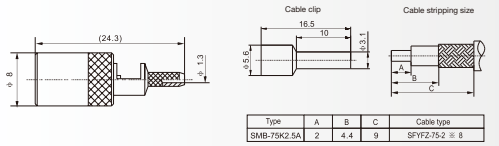
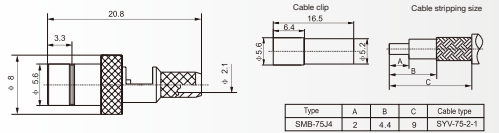
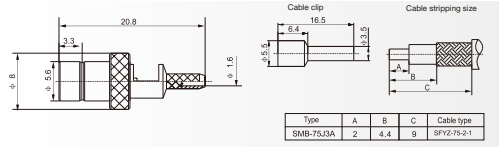
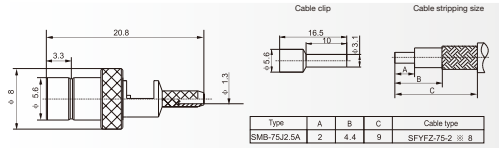
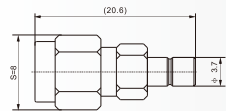
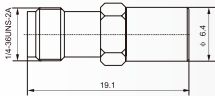
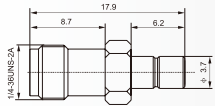
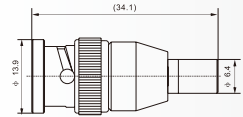
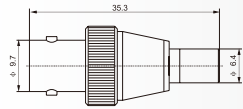


Recommended installation hole size



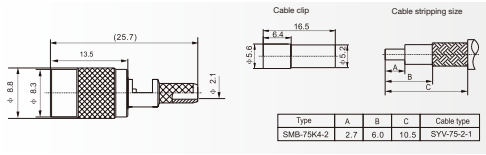
SMB-KK



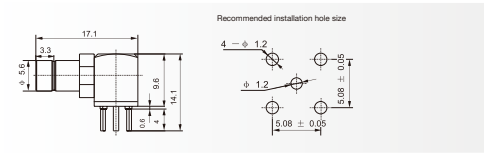




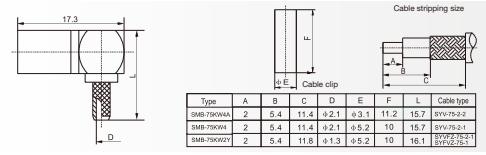
SMB-75K4-2



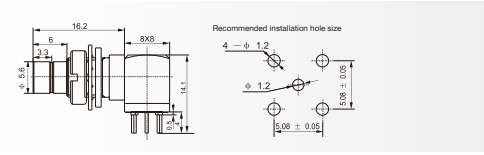
SMB-75JWHD



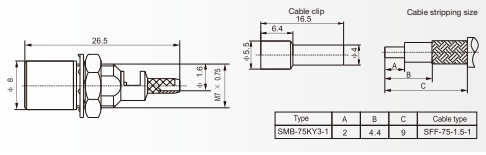
SMB-75KW2Y etc.



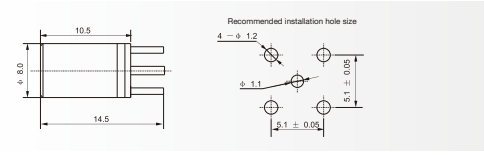
SMB-75JYWHD5



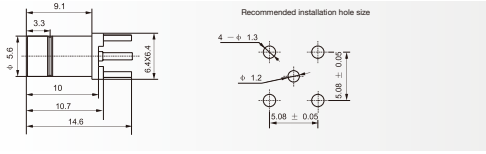
SMB-75KY3-1



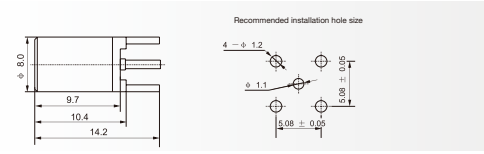
SMB-75KHD



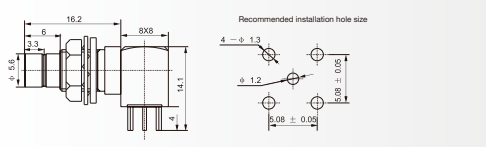
SMB-75JHD



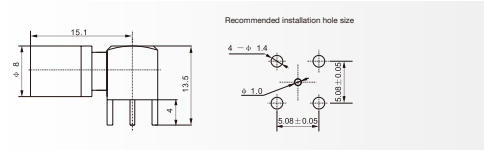
SMB-75KHD2



SMB-75JYWHD



SMB-75KWHD2



SSMB

Type SSMB is one kind of miniature RF coaxial connectors with snap-on coupling mechanism, which is the smaller version of SMB connectors, they have the excellent performance of light weight, small size, easy to connect/disconnect, vibration-proof, high reliability, which are widely used in connecting RF coaxial circuits and cables in micro electrical instrument. The interface mating dimensions and technical characteristics are according to the standard of MII-C-39012, CECC22170 and IEC169-19

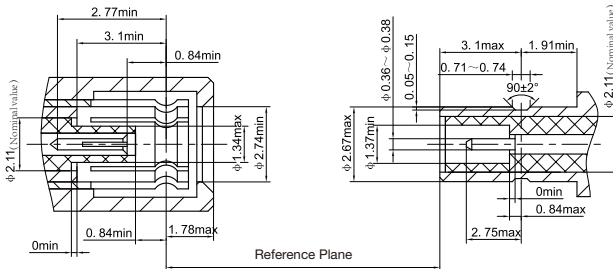
Key Performance

Characteristic Impedance	50 Ω	Frequency Range	DC~ 3GHz
Insulation resistance	≥1000M Ω	Dielectric Withstanding Voltage	500V
Contact Resistance:	Center Conductor ≤5.0m Ω, Outer Conductor ≤2.5m Ω		
VSWR	Straight ≤1.3	RF Insertion loss	Straight ≤0.06√F(GHz) dB
	Right Angle ≤1.5		Right Angle ≤0.10√F(GHz) dB
Durability	500times		

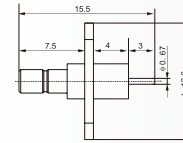
Materials & Plating

Central Contacts	Pin	Tin phosphor bronze, gold plated	Body and other Metal Parts	Brass, gold or nickel plated
	Jack	Beryllium bronze, gold plated		Stainless steel, passivated
Insulators		PTFE	Elastic parts	Beryllium bronze, gold plated

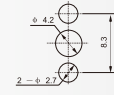
Interface Dimensions



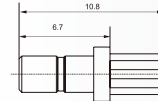
SSMB-JFD



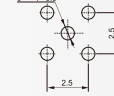
Recommended installation hole size



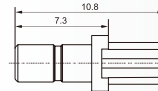
SSMB-JHD



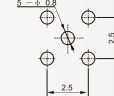
Recommended installation hole size



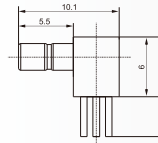
SSMB-JHD1



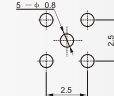
Recommended installation hole size



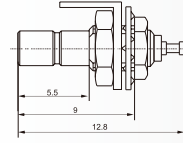
SSMB-JWHD



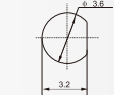
Recommended installation hole size



SSMB-JY

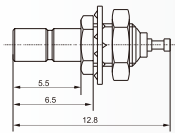


Recommended installation hole size

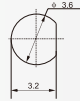




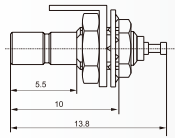
SSMB-JY-1



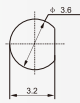
Recommended installation hole size



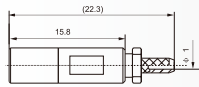
SSMB-JYa



Cable stripping size



SSMB-K2



Cable clip



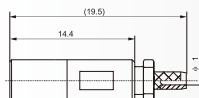
Cable stripping size



Type	Cable type
SSMB-K2	SFF-50-1 SYV-50-1



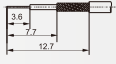
SSMB-K2a



Cable clip



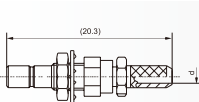
Cable stripping size



Type	Cable type
SSMB-K2a	SFF-50-1 SYV-50-1



SSMB-JY3 etc.



Cable clip



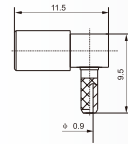
Recommended installation hole size



Type	d	Cable type
SSMB-JY3	$\phi 1.0$	SFF-50-1.5-1 SYV-50-2-1
SSMB-JY2	$\phi 1$	SFF-50-1 SYV-50-1



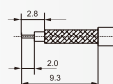
SSMB-KW2



Cable clip



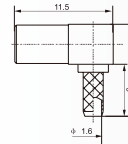
Cable stripping size



Type	Cable type
SSMB-KW2	SFF-50-1 SYV-50-1



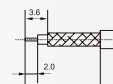
SSMB-KW3



Cable clip



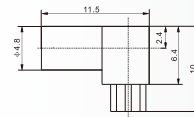
Cable stripping size



Type	Cable type
SSMB-KW3	SFF-50-1.5-1 SYV-50-2-1



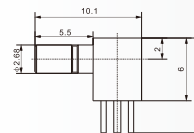
SSMB-KWHD



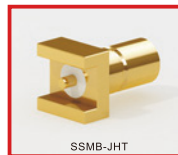
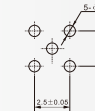
Recommended installation hole size



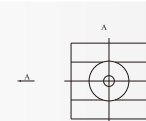
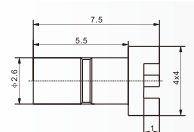
SSMB-JWHD-1



Recommended installation hole size

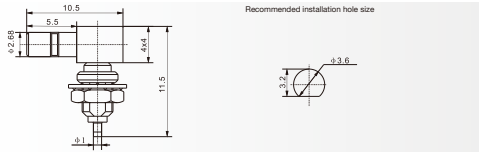


SSMB-JHT

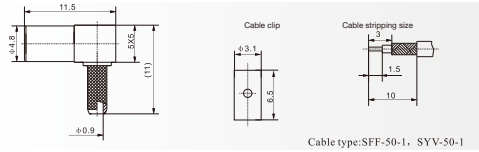




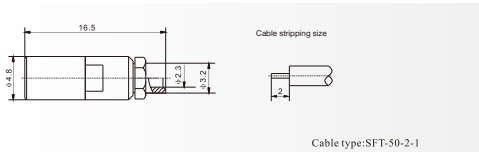
SSMB-JWY



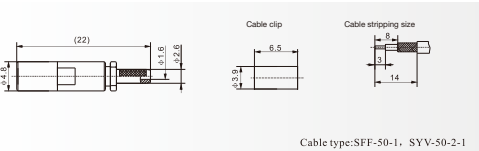
SSMB-KW2A



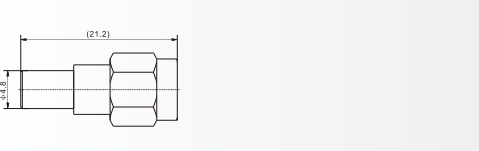
SSMB-KB2



SSMB-K3



SMA/SSMB-50JK



N

TYPE N are very popular screw-coupling middle-power coaxial connectors, which has the excellent performance of great vibration-proof, high reliability, superior electrical and mechanical properties, They are widely used for communication applications where vibration resistance and harsh environment is required. The interface mating dimensions and technical characteristics are according to the standard of MIL-C-39012、IEC60169-16 and CECC22210.

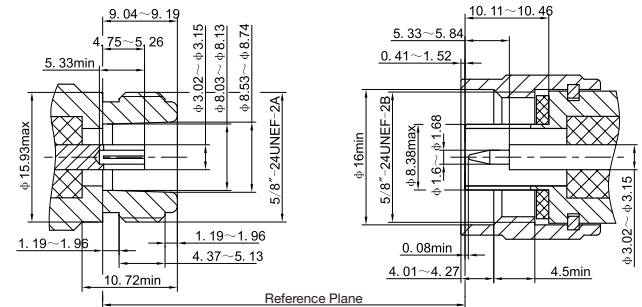
Key Performance

Characteristic Impedance	50 Ω	Frequency Range	DC~11GHz
Insulation resistance	≥1000Ω	Dielectric Withstanding Voltage	1500V
Contact Resistance	Center Conductor ≤2.5 mΩ, Outer Conductor ≤0.2 mΩ		
VSWR	Straight ≤ 1.25	RF Insertion loss	Straight ≤0.06√F (GHz) dB
	Right Angle ≤ 1.4		Right Angle ≤0.10√F (GHz) dB
Durability	500times	—	—

Materials & Plating

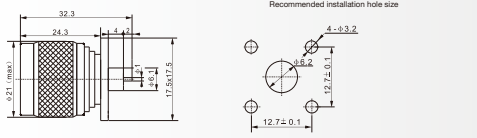
Central Contacts	Pin	Tin phosphor bronze, gold plated	Body and other Metal Parts	Brass, gold or nickel plated
	Jack	Beryllium bronze, gold plated		Stainless steel, passivated
Insulators		PTFE	Elastic parts	Beryllium bronze, gold plated

Interface Dimensions

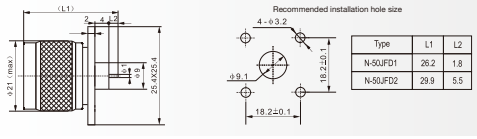




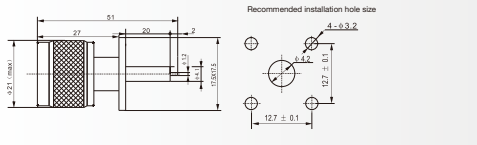
N-50JFD



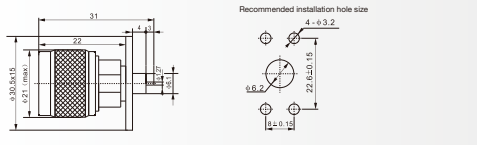
N-50JFD1



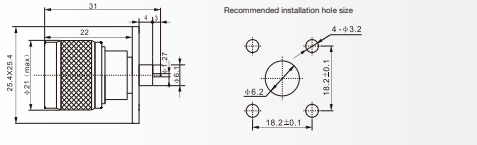
N-50JFD3



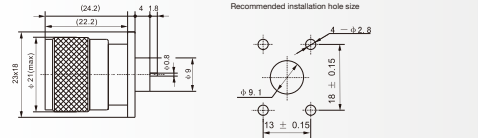
N-50JFD4



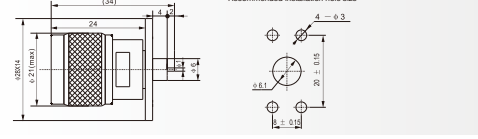
N-50JFD5



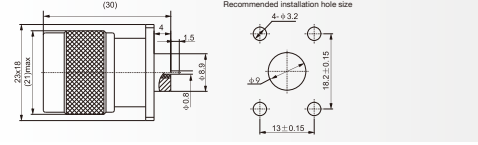
N-50JFD6



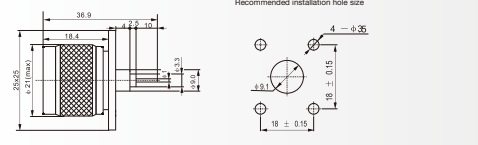
N-50JFD7



N-50JFD8



N-50JFD-C

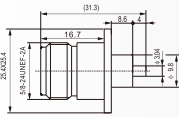


N-50JFD9C

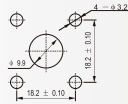




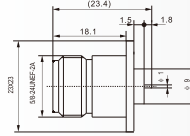
N-50KFD2



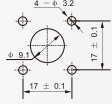
Recommended installation hole size



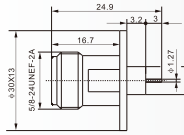
N-50KFD5A



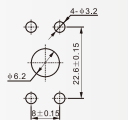
Recommended installation hole size



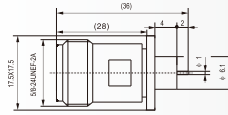
N-50KFD2A



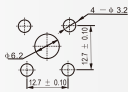
Recommended installation hole size



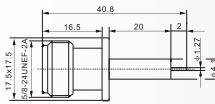
N-50KFD6



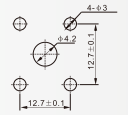
Recommended installation hole size



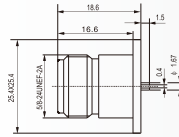
N-50KFD3



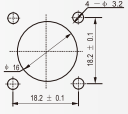
Recommended installation hole size



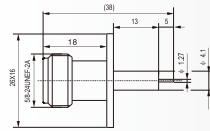
N-50KFD7



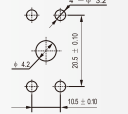
Recommended installation hole size



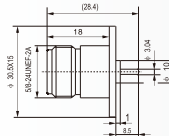
N-50KFD4



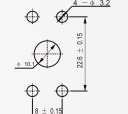
Recommended installation hole size



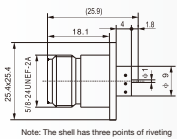
N-50KFD8



Recommended installation hole size

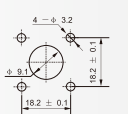


N-50KFD5

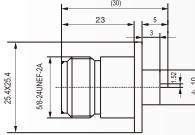


Note: The shell has three points of riveting

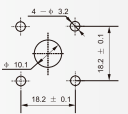
Recommended installation hole size



N-50KFD9

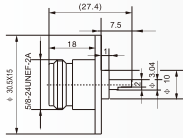


Recommended installation hole size

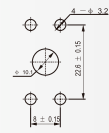




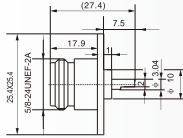
N-50KFD10



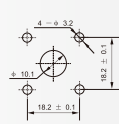
Recommended installation hole size



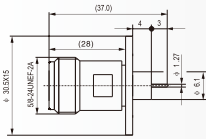
N-50KFD11



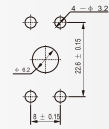
Recommended installation hole size



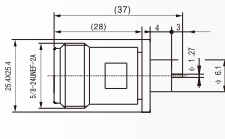
N-50KFD12



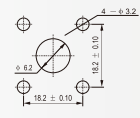
Recommended installation hole size



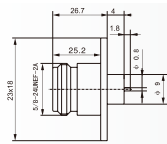
N-50KFD13



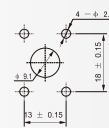
Recommended installation hole size



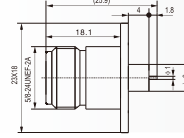
N-50KFD14



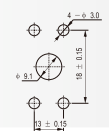
Recommended installation hole size



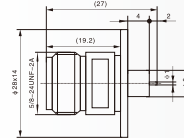
N-50KFD16



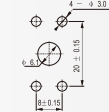
Recommended installation hole size



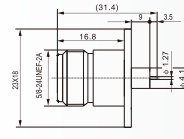
N-50KFD17



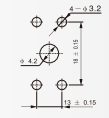
Recommended installation hole size



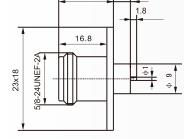
N-50KFD18



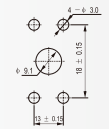
Recommended installation hole size



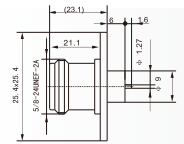
N-50KFD19



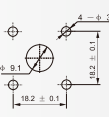
Recommended installation hole size



N-50KFD20

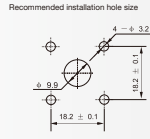
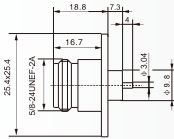


Recommended installation hole size

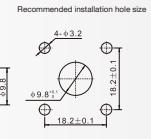
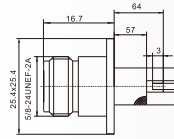




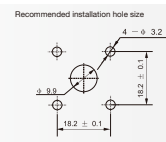
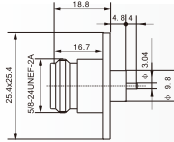
N-50KFD21



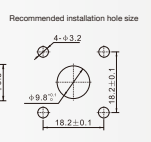
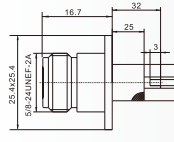
N-50KFD30



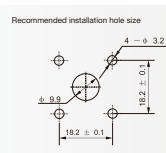
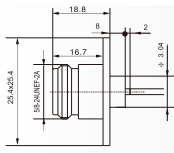
N-50KFD22



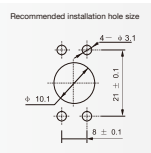
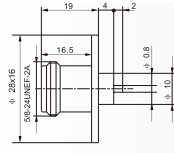
N-50KFD31



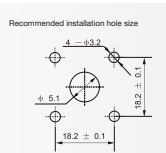
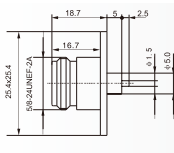
N-50KFD26



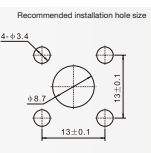
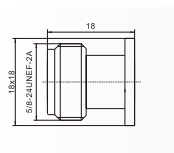
N-50KFD33C



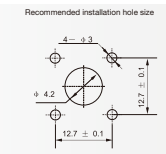
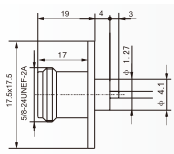
N-50KFD28



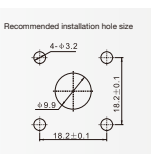
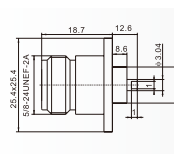
N-50KFD34



N-50KFD29

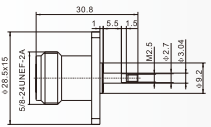


N-50KFD35

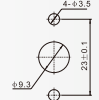




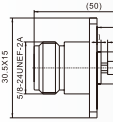
N-50KFD36G



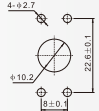
Recommended installation hole size



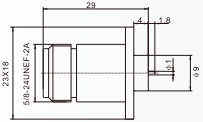
N-50KFD37



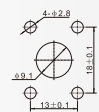
Recommended installation hole size



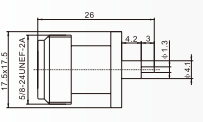
N-50KFD38



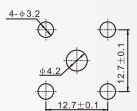
Recommended installation hole size



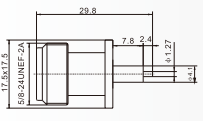
N-50KFD39



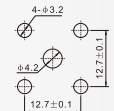
Recommended installation hole size



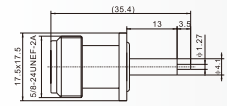
N-50KFD40G



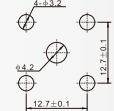
Recommended installation hole size



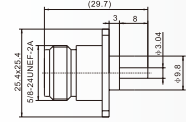
N-50KFD41



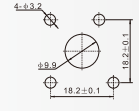
Recommended installation hole size



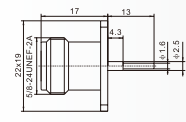
N-50KFD42



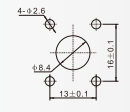
Recommended installation hole size



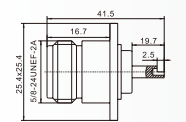
N-50KFD43



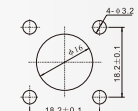
Recommended installation hole size



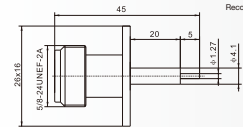
N-50KFD44



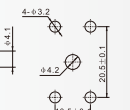
Recommended installation hole size



N-50KFD45

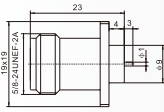


Recommended installation hole size

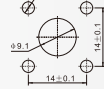




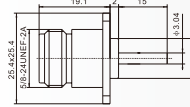
N-50KFD46



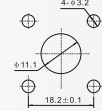
Recommended installation hole size



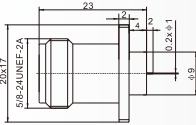
N-50KFD51



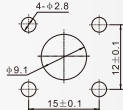
Recommended installation hole size



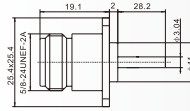
N-50KFD47



Recommended installation hole size



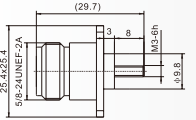
N-50KFD52



Recommended installation hole size



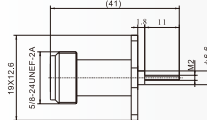
N-50KFD48



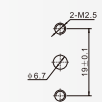
Recommended installation hole size



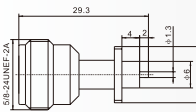
N-50KFD53



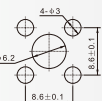
Recommended installation hole size



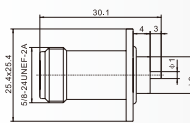
N-50KFD49



Recommended installation hole size



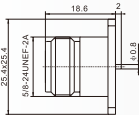
N(S)-50KFD54



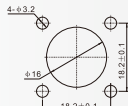
Recommended installation hole size



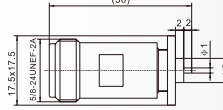
N-50KFD50



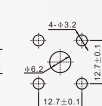
Recommended installation hole size



N-50KFD55

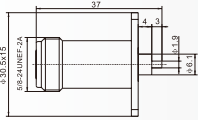


Recommended installation hole size

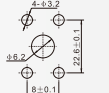




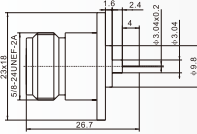
N-50KFD56



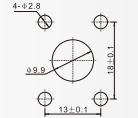
Recommended installation hole size



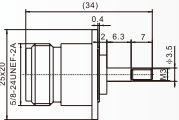
N-50KFD61



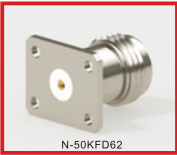
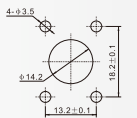
Recommended installation hole size



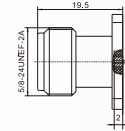
N-50KFD57



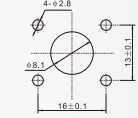
Recommended installation hole size



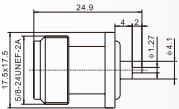
N-50KFD62



Recommended installation hole size



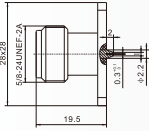
N-50KFD58



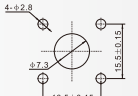
Recommended installation hole size



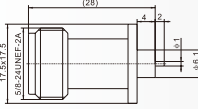
N-50KFD63



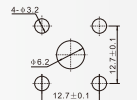
Recommended installation hole size



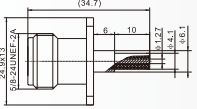
N-50KFD59



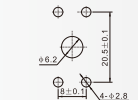
Recommended installation hole size



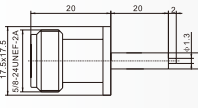
N-50KFD64G



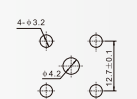
Recommended installation hole size



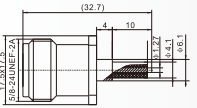
N-50KFD60



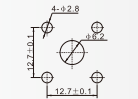
Recommended installation hole size



N-50KFD65G

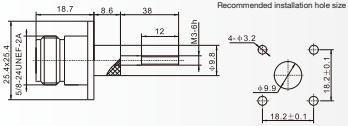


Recommended installation hole size

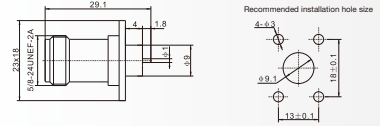




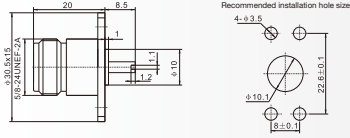
N-50KFD66



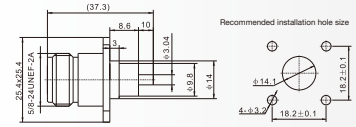
N-50KFD71



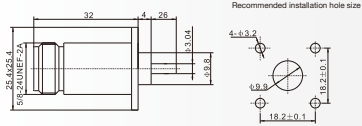
N-50KFD67



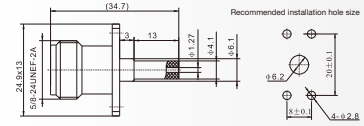
N-50KFD72



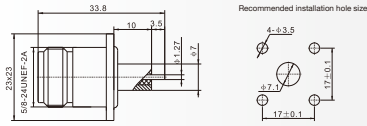
N-50KFD68



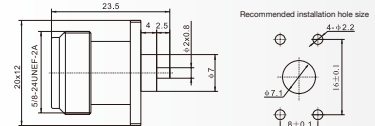
N-50KFD73



N-50KFD69



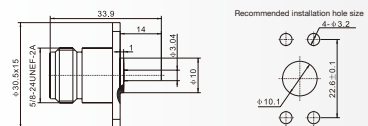
N-50KFD74



N-50KFD70

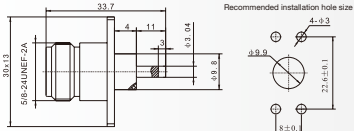


N-50KFD75

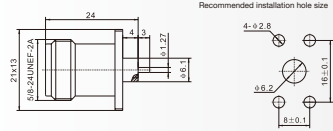




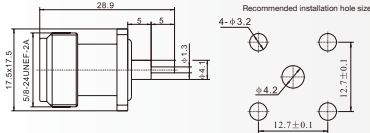
N-50KFD76



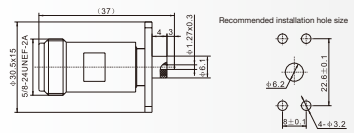
N-50KFD83



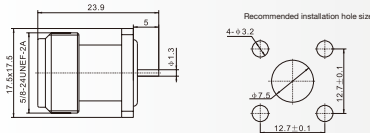
N-50KFD77



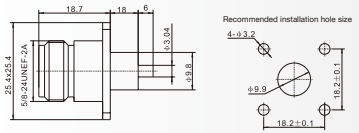
N-50KFD85



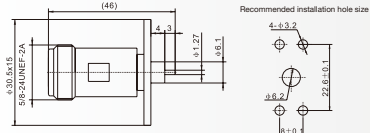
N-50KFD78



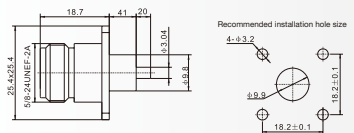
N-50KFD86



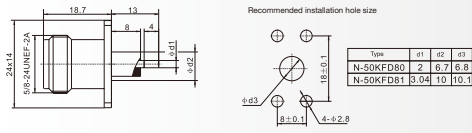
N-50KFD79



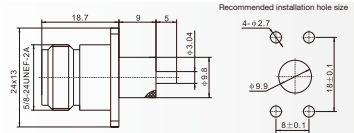
N-50KFD87



N-50KFD80.81

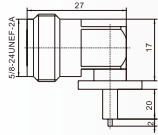


N-50KFD88

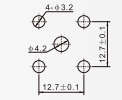




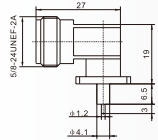
N-50KWFD7



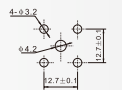
Recommended installation hole size



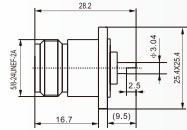
N-50KWFD8



Recommended installation hole size



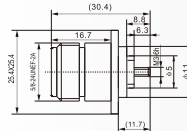
N-50KF etc.



Recommended installation hole size



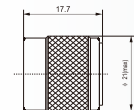
N-50KFA



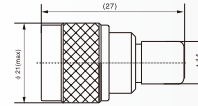
Recommended installation hole size



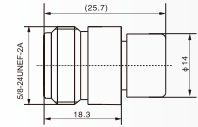
N-50JD Short Circuit



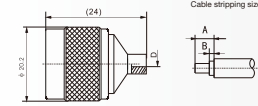
N-50JR load



N-50KR load



N-JB2 etc.

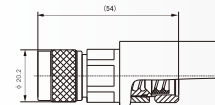


Cable stripping size

TYPE	D	A	B	Cable TYPE
N-JB2	φ2.2	4	1	SFT50-2-1
N-JB3	φ2.6	3.6	0	SFT50-3-1
N-JB5	φ6.1	5	0	SFT50-5-2
N-JB01	φ6.5	4.5	0	RG401



N-JFS

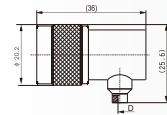


Cable stripping size

TYPE	A	B	Cable TYPE
N-JFS	18	6	FSJ4-50B



N-JWB2 etc.

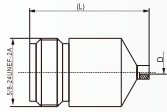


Cable stripping size

TYPE	D	A	B	Cable TYPE
N-JWB2	φ2.2	7.2	4.7	SFT50-2-1
N-JWB3	φ2.6	7.2	4.7	SFT50-3-1



N-KB2 etc.

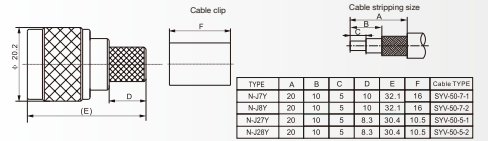


Cable stripping size

TYPE	D	A	L	Cable TYPE
NKB2	φ2.2	5	25.4	SFF-50-2-1
NKB3	φ3.6	4	27	SFF-50-3-1



N-J7Y etc.

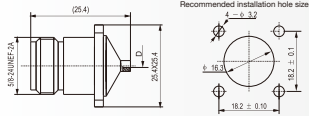


Cable stripping size

TYPE	A	B	C	D	E	F	Cable TYPE
N-J7Y	20	10	5	10	32.1	16	SVV-50-2-1
N-J8Y	20	10	5	10	32.1	16	SVV-50-2-2
N-J9Y	20	10	5	8.3	30.4	10.5	SVV-50-3-1
N-J9Y	20	10	5	8.3	30.4	10.5	SVV-50-3-2



N-KFB2 etc.

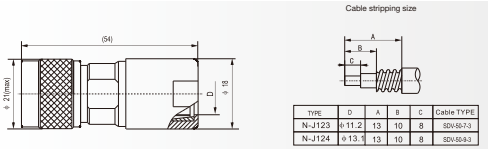


Recommended installation hole size

TYPE	D	Cable TYPE
N-KFB2	φ2.2	SFF-50-2-1
N-KFB3	φ3.6	SFF-50-3-1



N-J123 etc.

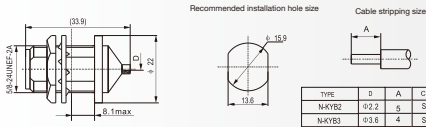


Cable stripping size

TYPE	D	A	B	C	Cable TYPE
N-J123	φ 11.2	13	10	8	SDW-60-1-3
N-J124	φ 13.3	13	10	8	SDW-60-3-3



N-KYB2 etc.

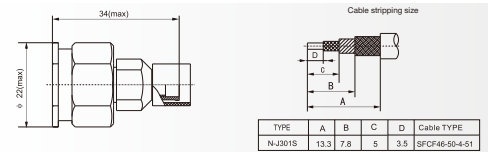


Recommended installation hole size

TYPE	D	A	Cable TYPE
N-KYB2	φ2.2	3	SFF-50-3-1
N-KYB3	φ3.6	4	SFF-50-3-1



N-J301S

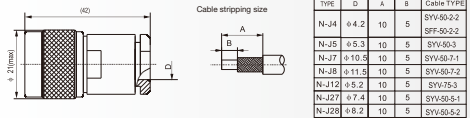


Cable stripping size

TYPE	A	B	C	D	Cable TYPE
N-J301S	13.3	7.8	5	3.5	SFCF-46-50-4-5-1



N-J4 etc.

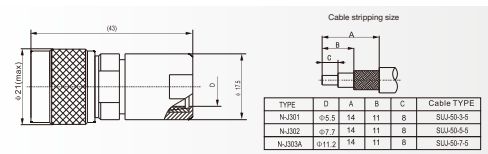


Recommended installation hole size

TYPE	D	A	B	Cable TYPE
N-J4	φ 4.2	10	5	SVV-50-2-2
N-J5	φ 5.3	10	5	SVV-50-3
N-J7	φ 10.5	10	5	SVV-50-7-1
N-J8	φ 11.8	10	5	SVV-50-7-2
N-J12	φ 8.2	10	5	SVV-75-3
N-J27	φ 7.4	10	5	SVV-60-5-1
N-J28	φ 8.2	10	5	SVV-60-5-2



N-J303A etc.

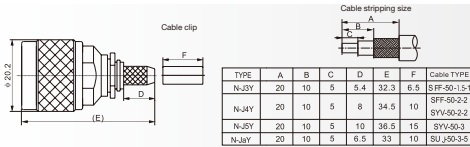


Cable stripping size

TYPE	D	A	B	C	Cable TYPE
N-J301	φ 5.5	14	11	8	SUJ-50-5-5
N-J302	φ 7.7	14	11	8	SUJ-50-5-5
N-J303A	φ 11.2	14	11	8	SUJ-50-7-5



N-J3Y etc.

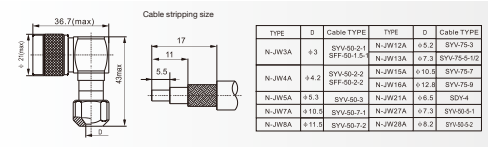


Recommended installation hole size

TYPE	A	B	C	D	E	F	Cable TYPE
N-J3Y	20	10	5	5.4	32.3	6.5	SFF-50-1-5-1
N-J4Y	20	10	5	8	34.5	10	SFF-50-2-2
N-J5Y	20	10	5	10	36.5	15	SVV-50-3
N-J6Y	20	10	5	6.8	33	10	SUJ-50-3-5



N-JW3A etc.

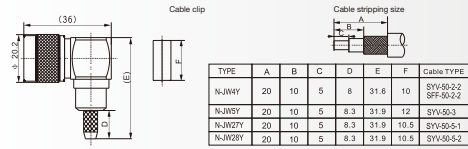


Cable stripping size

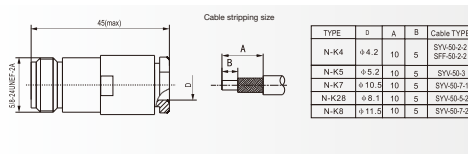
TYPE	D	Cable TYPE	TYPE	D	Cable TYPE
N-JW3A	φ 3	SVV-50-2-1	N-JW13A	φ 5.2	SVV-75-10
		SFF-50-1-5-1			
N-JW4A	φ 4.2	SVV-50-2-2	N-JW15A	φ 10.5	SVV-75-7
		SFF-50-2-2			
N-JW5A	φ 5.3	SVV-50-3	N-JW16A	φ 12	SVV-75-9
N-JW7A	φ 10.5	SVV-50-7-1	N-JW21A	φ 6.5	SDW-4
N-JW8A	φ 11.8	SVV-50-7-2	N-JW28A	φ 7.3	SVV-50-5-1



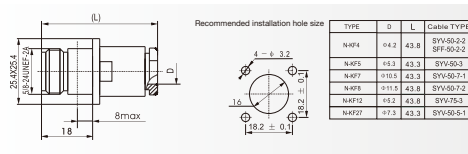
N-JW4etc.



N-K4etc.



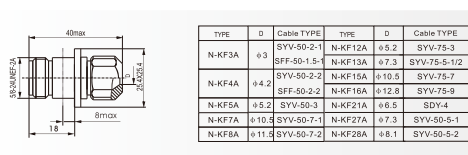
N-KF4etc.



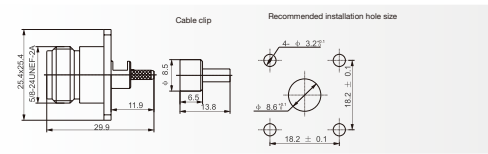
N-KF3A



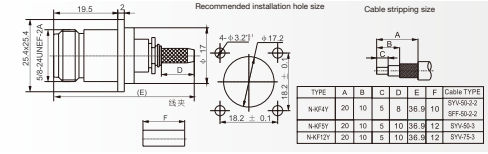
N-KF3Aetc.



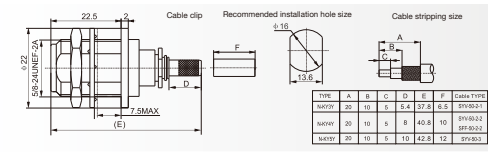
N-KF3Y-2



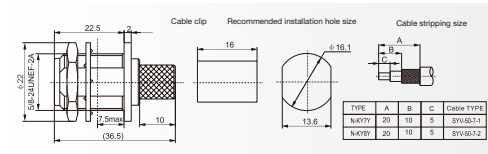
N-KF4Y etc.



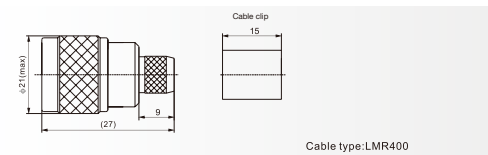
N-KY3Y etc.



N-KY7Y etc.

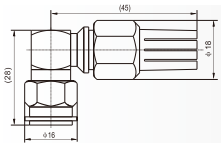


N-J400Y-1

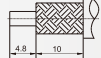




TNC-JWA



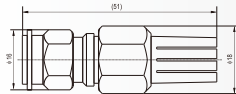
Cable stripping size



Type	Cable type
TNC-JWa	SUJ50-7.5



TNC-JA



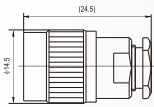
Cable stripping size



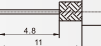
Type	Cable type
TNC-Ja	SUJ 50-7.5



TNC-J5-3



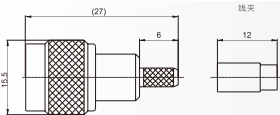
Cable stripping size



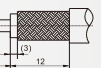
Type	Cable type
TNC-J5-3	SUJ50-3.5



TNC-J3Y



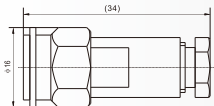
Cable stripping size



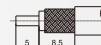
Type	Cable type
TNC-J3Y	SYV-50-2-1, SFF-50-1.5-1



TNC-J3



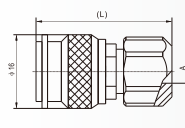
Cable stripping size



Type	Cable type
TNC-J3	SFF-50-1.5-1



TNC-J4 etc.



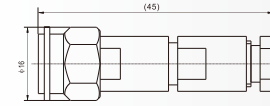
Cable stripping size



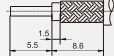
Type	A	L	Cable type
TNC-J4	0.42	30	SFF-50-2.2, SYV-50-2.2
TNC-J5	0.52	30	SFF-50-3.1, SYV-50-3
TNC-JA	0.3	24.7	SFF-50-1.5.1, SYV-50-2-1



TNC-J5A



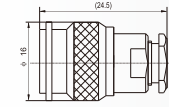
Cable stripping size



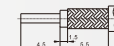
Type	Cable type
TNC-J5A	SYV-50-3



TNC-J5-1



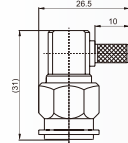
Cable stripping size



Type	Cable type
TNC-J5-1	SUJ-50-3.5



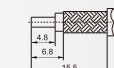
TNC-JW7AY



Cable clip



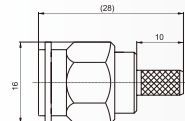
Cable stripping size



Type	Cable type
TNC-JW7AY	SFCF-50-5-5



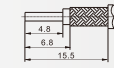
TNC-J7AY



Cable clip



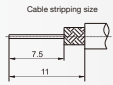
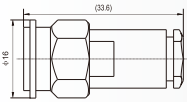
Cable stripping size



Type	Cable type
TNC-J7AY	SFCF-50-5-5



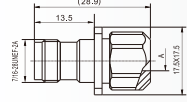
TNC-J21



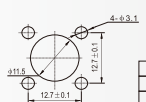
Type	Cable type
TNC-J21	SDY-4



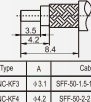
TNC-KF3 etc.



Recommended installation hole size



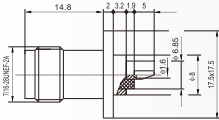
Cable stripping size



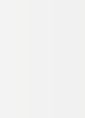
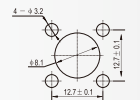
Type	A	Cable type
TNC-KF3	43.1	SFF-50-1-1, SYV-50-2-1
TNC-KF4	44.2	SFF-50-2-2, SYV-50-2-2
TNC-KF5	45.2	SFF-50-3-1, SYV-50-3-1



TNC-KF



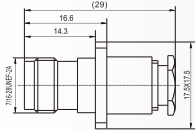
Recommended installation hole size



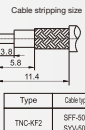
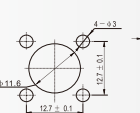
Type	Cable type	L	L1	L2
TNC-K4Y	SFF-50-2-2, SYV-50-2-2	32	8.3	10
TNC-K5Y	SFF-50-3-1, SYV-50-3-1	32	8.3	9.7



TNC-KF2



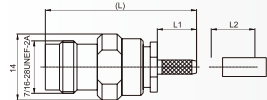
Recommended installation hole size



Type	Cable type
TNC-KF2	SFF-50-1, SYV-50-1



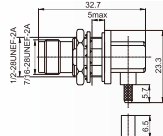
TNC-K4Y etc.



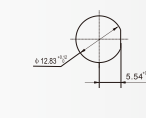
Cable stripping size



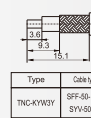
TNC-KYW3Y



Recommended installation hole size



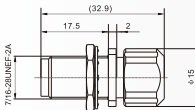
Cable stripping size



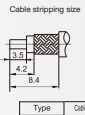
Type	Cable type
TNC-KYW3Y	SFF-50-1-1, SYV-50-2-1



TNC-KY3



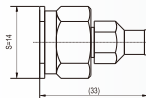
Recommended installation hole size



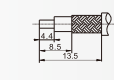
Type	Cable type
TNC-KY3	SFF-50-1-1, SYV-50-2-1



TNC-J301S



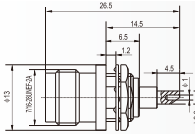
Cable stripping size



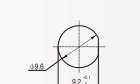
Type	Cable type
TNC-J301S	SFCF46-50-4-5, SFT-205, UFB-205A



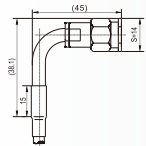
TNC-50KY



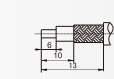
Recommended installation hole size



TNC-JW301S



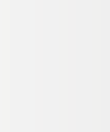
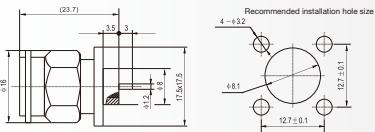
Cable stripping size



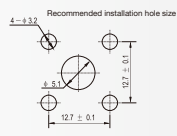
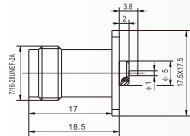
Type	Cable type
TNC-JW301S	SFCF46-50-4-5-1



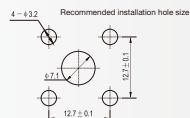
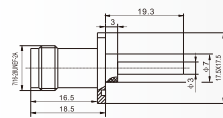
TNC-JFD



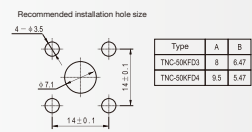
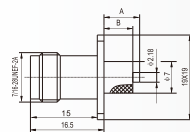
TNC-50KFD1



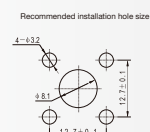
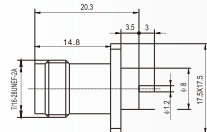
TNC-50KFD2



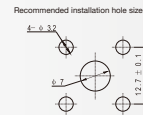
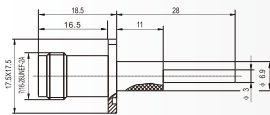
TNC-50KFD3etc.



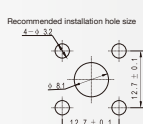
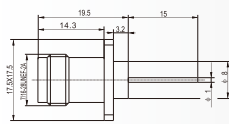
TNC-50KFD5



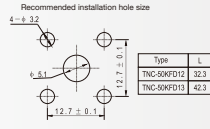
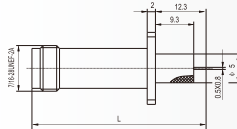
TNC-50KFD6



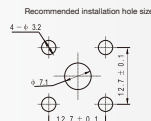
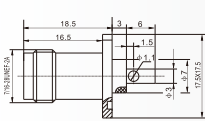
TNC-50KFD11



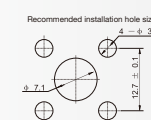
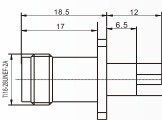
TNC-50KFD12等



TNC-KFD14

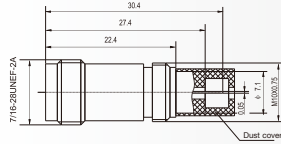


TNC-50KFD15

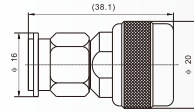




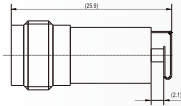
TNC-50KYD



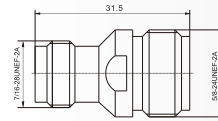
N/TNC-JJ



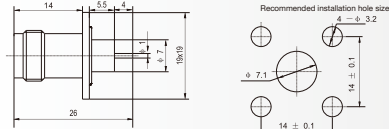
TNC-50Ka



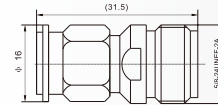
N/TNC-KK



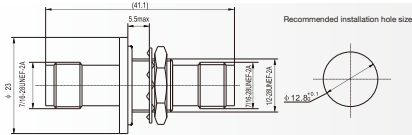
TNC(M)-50KFD



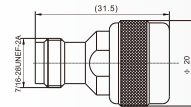
N/TNC-KJ



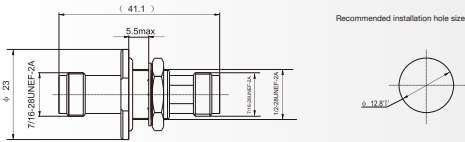
TNC(MF)-50KKY



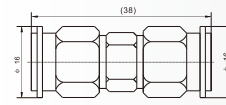
N/TNC-JK



TNC(S)-50KKY

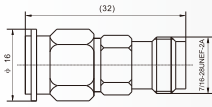


TNC-JJ

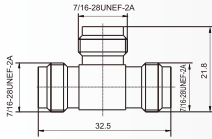




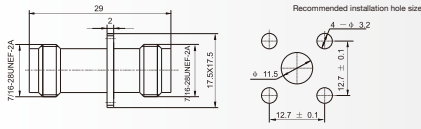
TNC-JK



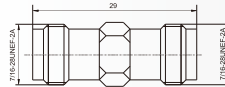
TNC-KKK



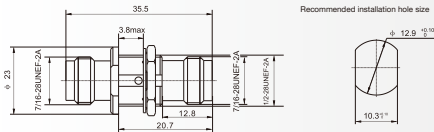
TNC-KKF



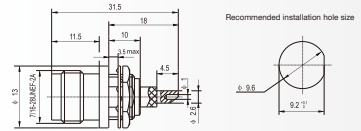
TNC-KK



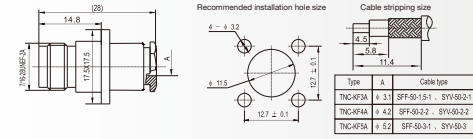
TNC-50KKY



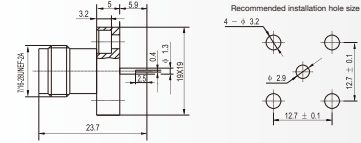
TNC-50KY-1



TNC-KF3A etc.



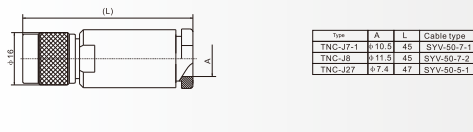
TNC-KFD



TNC-JW3 etc.

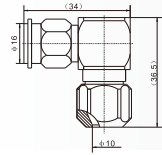


TNC-J7-1 etc.





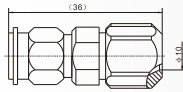
TNC-JW6



Cable type: SYV-50-5



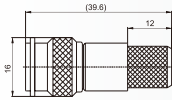
TNC-J6A



Cable type: SYV-50-5



TNC-J9YA



Cable clip



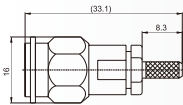
Cable stripping size



Cable type: SYV-50-9



TNC-J12Y



Cable clip



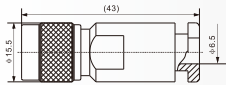
Cable stripping size



Cable type: SYV-75-3



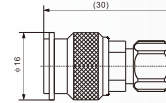
TNC-JLMR240



Cable type: LMR240



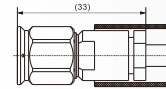
TNC-J301



Cable type: SUJ-50-3-5



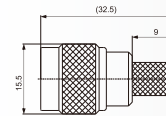
TNC-JC142G



Cable type: SFT-142



TNC-J400Y



Cable clip



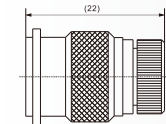
Cable stripping size



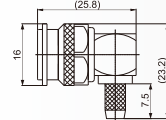
Cable type: LMR400



TNC-501JR-1W



TNC-JW25



Cable clip



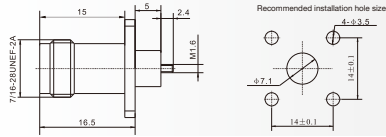
Cable stripping size



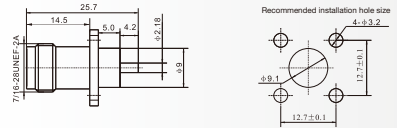
Cable Type:HABIA TZC 500 25



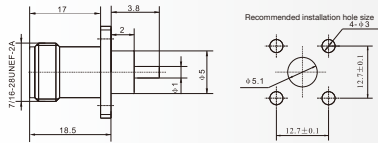
TNC-50KFD50



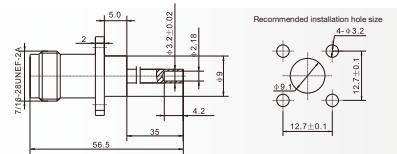
TNC-50KFD61



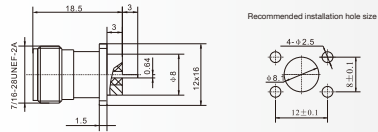
TNC-50KFD51



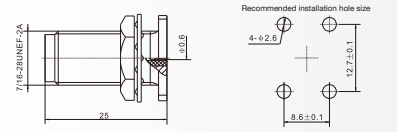
TNC-50KFD62



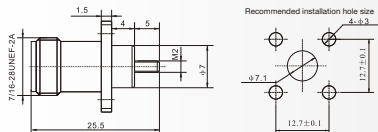
TNC-50KFD55



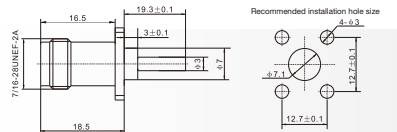
TNC-50KFD66G



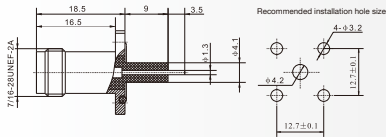
TNC-50KFD56



TNC-50KFD68



TNC-50KFD59



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3.5mm

Key Performance

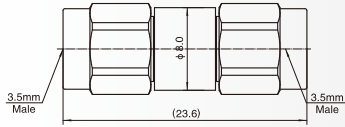
Characteristic Impedance: 50 Ω
 Frequency Range: DC-33GHz
 Durability: 500 times
 Temperature range: -60°C~+165°C

Materials/Surface Treatment

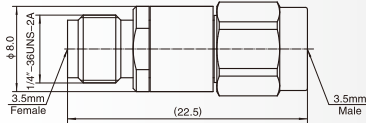
Shell: Stainless steel SU3033 polished/passivated
 Inner conductor: Beryllium copper, gold plated
 Insulator: 1PEI



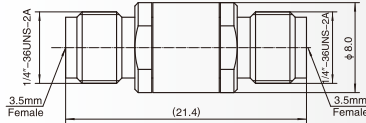
3.5mm-JJ



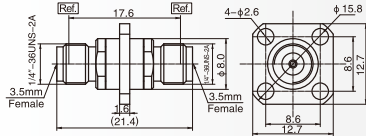
3.5mm-JK



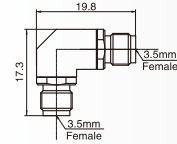
3.5mm-KK



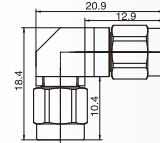
3.5mm-KFK



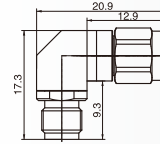
3.5mm-KWK



3.5mm-JWJ



3.5mm-JWK



2.92mm

Key Performance

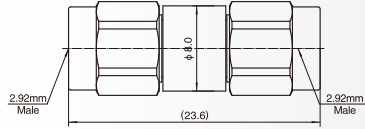
Characteristic Impedance: 50Ω
 Frequency Range: DC-40GHz
 Durability: 500 times
 Temperature range: -60°C-+165°C

Materials/Surface Treatment

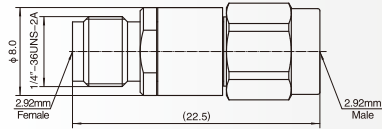
Shell: Stainless steel SU3033 polished/passivated
 Inner conductor: Beryllium copper, gold plated
 Insulator: IPEI



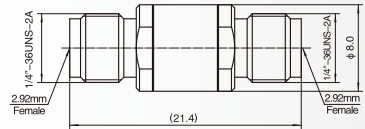
2.92mm-JJ



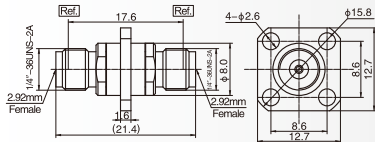
2.92mm-JK



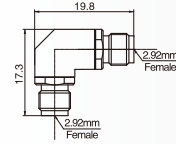
2.92mm-KK



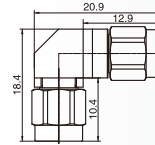
2.92mm-KFK



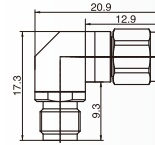
2.92mm-KWK



2.92mm-JWJ



2.92mm-JKW



2.4mm

Key Performance

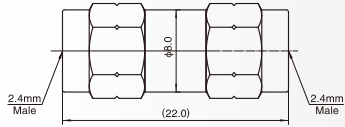
Characteristic Impedance: $50\ \Omega$
 Frequency Range: DC-50GHz
 Durability: 500times
 Temperature range: -60°C ~ $+165^{\circ}\text{C}$

Materials/Surface Treatment

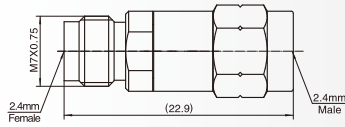
Shell: Stainless steel SU3033 polished/passivated
 Inner conductor: Beryllium copper, gold plated
 Insulator: 1PEI



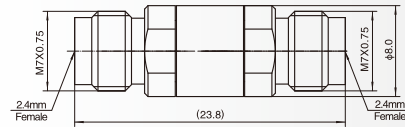
2.4mm-JJ



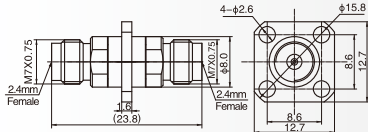
2.4mm-JK



2.4mm-KK



2.4mm-KFK



1.85mm

Key Performance

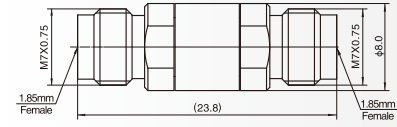
Characteristic Impedance: $50\ \Omega$
 Frequency Range: DC-65GHz
 Durability: 500times
 Temperature range: -60°C ~ $+165^{\circ}\text{C}$

Materials/Surface Treatment

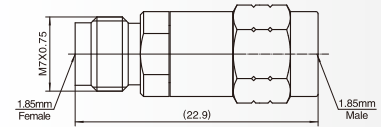
Shell: Stainless steel SU3033 polished/passivated
 Inner conductor: Beryllium copper, gold plated
 Insulator: 1PEI



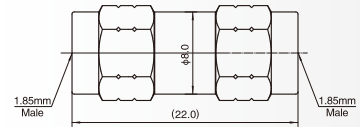
1.85mm-KK



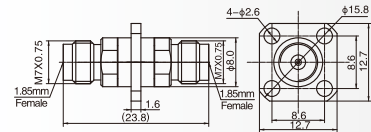
1.85mm-JK



1.85mm-JJ



1.85mm-KFK



N-3.5mm

Key Performance

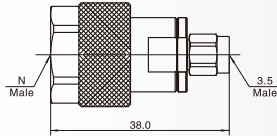
Characteristic Impedance: 50Ω
 Frequency Range: DC-18GHz
 Durability: 500times
 Temperature range: -60°C ~ +165°C

Materials/Surface Treatment

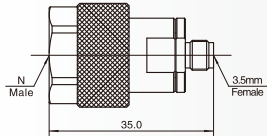
Shell: Stainless steel SU3033 polished/passivated
 Inner conductor: Beryllium copper, gold plated
 Insulator: IPEI



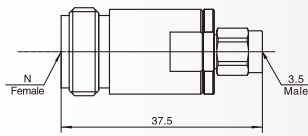
N-3.5mm-JJ



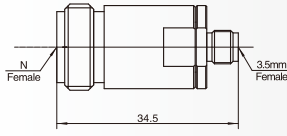
N-3.5mm-JK



N-3.5mm-KJ



N-3.5mm-KK



N-2.92mm

Key Performance

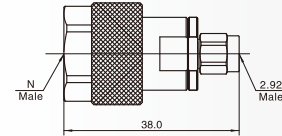
Characteristic Impedance: 50Ω
 Frequency Range: DC-18GHz
 Durability: 500times
 Temperature range: -60°C ~ +165°C

Materials/Surface Treatment

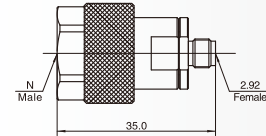
Shell: Stainless steel SU3033 polished/passivated
 Inner conductor: Beryllium copper, gold plated
 Insulator: IPEI



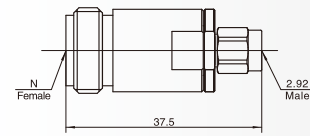
N-2.92mm-JJ



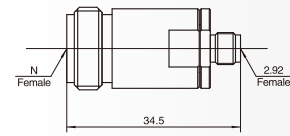
N-2.92mm-JK



N-2.92mm-KJ



N-2.92mm-KK



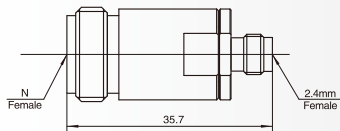
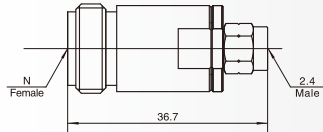
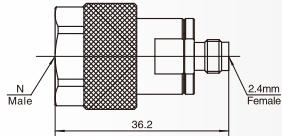
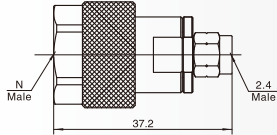
N-2.4mm

Key Performance

Characteristic Impedance: 50Ω
 Frequency Range: DC-18GHz
 Durability: 500times
 Temperature range: -60°C ~ +165°C

Materials/Surface Treatment

Shell: Stainless steel SU3033 polished/passivated
 Inner conductor: Beryllium copper, gold plated
 Insulator: 1PEI



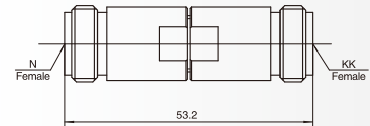
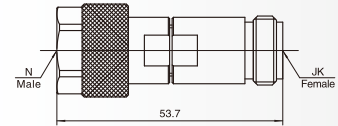
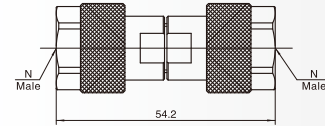
N series internal adapter

Key Performance

Characteristic Impedance: 50Ω
 Frequency Range: DC-18GHz
 Durability: 500times
 Temperature range: -60°C ~ +165°C

Materials/Surface Treatment

Shell: Stainless steel SU3033 polished/passivated
 Inner conductor: Beryllium copper, gold plated
 Insulator: 1PEI



3.5mm-1.85mm

Key Performance

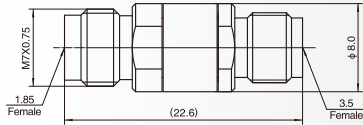
Characteristic Impedance: 50 Ω
 Frequency Range: DC-33GHz
 Durability: 500times
 Temperature range: -50°C ~ +165°C

Materials/Surface Treatment

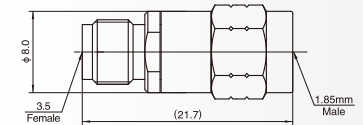
Shell: Stainless steel SU3033 polished/passivated
 Inner conductor: Beryllium copper, gold plated
 Insulator: 1PEI



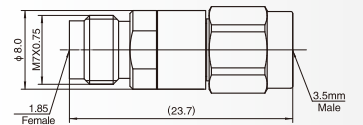
3.5mm-1.85mm-KK



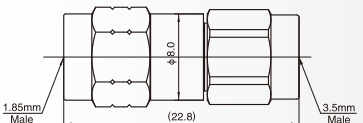
3.5mm-1.85mm-KJ



3.5mm-1.85mm-JK



3.5mm-1.85mm-JJ



2.92mm-1.85mm

Key Performance

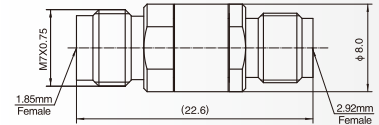
Characteristic Impedance: 50 Ω
 Frequency Range: DC-40GHz
 Durability: 500times
 Temperature range: -60°C ~ +165°C

Materials/Surface Treatment

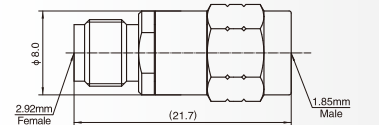
Shell: Stainless steel SU3033 polished/passivated
 Inner conductor: Beryllium copper, gold plated
 Insulator: 1PEI



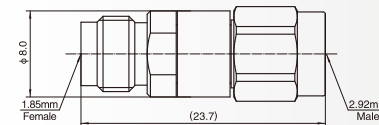
2.92mm-1.85mm-KK



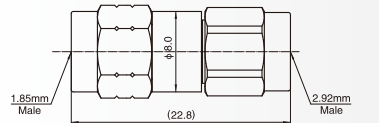
2.92mm-1.85mm-KJ



2.92mm-1.85mm-JK



2.92mm-1.85mm-JJ



2.4mm-1.85mm

Key Performance

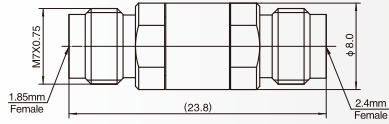
Characteristic Impedance: $50\ \Omega$
 Frequency Range: DC-50GHz
 Durability: 500times
 Temperature range: -50°C ~ $+165^{\circ}\text{C}$

Materials/Surface Treatment

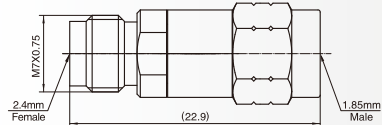
Shell: Stainless steel SU3033 polished/passivated
 Inner conductor: Beryllium copper, gold plated
 Insulator: 1PEI



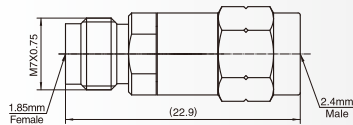
2.4mm-1.85mm-KK



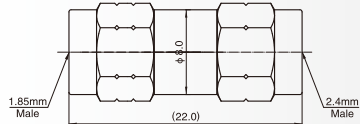
2.4mm-1.85mm-KJ



2.4mm-1.85mm-JK



2.4mm-1.85mm-JJ



2.92mm-2.4mm

Key Performance

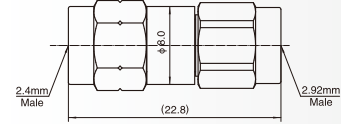
Characteristic Impedance: $50\ \Omega$
 Frequency Range: DC-40GHz
 Durability: 500times
 Temperature range: -60°C ~ $+165^{\circ}\text{C}$

Materials/Surface Treatment

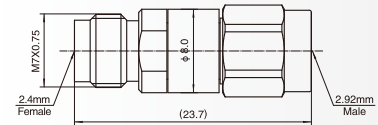
Shell: Stainless steel SU3033 polished/passivated
 Inner conductor: Beryllium copper, gold plated
 Insulator: 1PEI



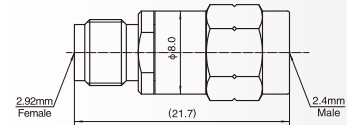
2.92mm-2.4mm-JJ



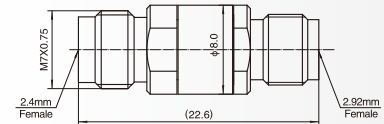
2.92mm-2.4mm-JK



2.92mm-2.4mm-KJ



2.92mm-2.4mm-KK



3.5mm-2.4mm

Key Performance

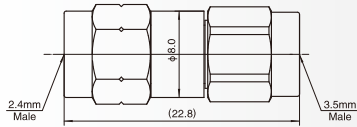
Characteristic Impedance: 50 Ω
 Frequency Range: DC-33GHz
 Durability: 500 times
 Temperature range: -60°C-+165°C

Materials/Surface Treatment

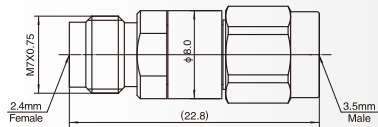
Shell: Stainless steel SU3033 polished/passivated
 Inner conductor: Beryllium copper, gold plated
 Insulator: 1PEI



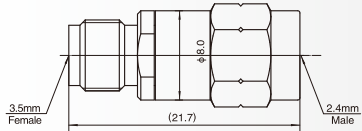
3.5mm-2.4mm-JJ



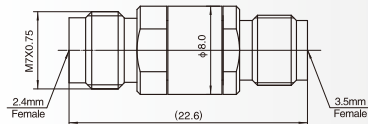
3.5mm-2.4mm-JK



3.5mm-2.4mm-KJ



3.5mm-2.4mm-KK



1.85mm-SMP

Key Performance

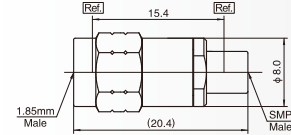
Characteristic Impedance: 50 Ω
 Frequency Range: DC-33GHz
 Durability: 500 times
 Temperature range: -60°C-+165°C

Materials/Surface Treatment

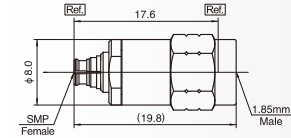
Shell: Stainless steel SU3033 polished/passivated
 Inner conductor: Beryllium copper, gold plated
 Insulator: 1PEI



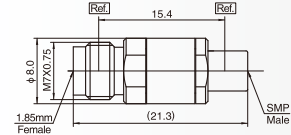
1.85mm-SMP-JJ



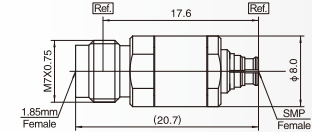
1.85mm-SMP-JK



1.85mm-SMP-KJ



1.85mm-SMP-KK



2.4mm-SMP

Key Performance

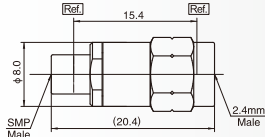
Characteristic Impedance: $50\ \Omega$
 Frequency Range: DC-33GHz
 Durability: \dots 500times
 Temperature range: -60°C - $+165^{\circ}\text{C}$

Materials/Surface Treatment

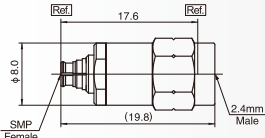
Shell: Stainless steel SU3033 polished/passivated
 Inner conductor: Beryllium copper, gold plated
 Insulator: 1PEI



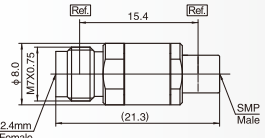
2.4mm-SMP-JJ



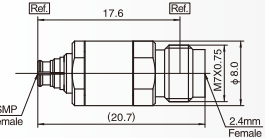
2.4mm-SMP-JK



2.4mm-SMP-KJ



2.4mm-SMP-KK



2.92mm-SMP

Key Performance

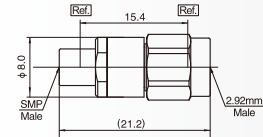
Characteristic Impedance: $50\ \Omega$
 Frequency Range: DC-33GHz
 Durability: \dots 500times
 Temperature range: -60°C - $+165^{\circ}\text{C}$

Materials/Surface Treatment

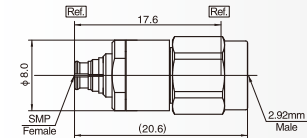
Shell: Stainless steel SU3033 polished/passivated
 Inner conductor: Beryllium copper, gold plated
 Insulator: 1PEI



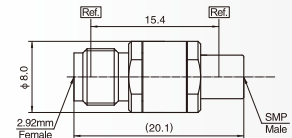
2.92mm-SMP-JJ



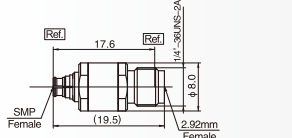
2.92mm-SMP-JK



2.92mm-SMP-KJ



2.92mm-SMP-KK



High quality RF and Microwave
Connectors & Cable Assemblies.

Coax Cable & Cable **Assemblies**

High quality RF and Microwave
Connectors & Cable Assemblies.

High Performance Coax Cable & Cable Assemblies

The RF cable assembly is made up of a section of cable connected to two RF coaxial connectors. It is a complete transmission line. Only it (not the connector or cable) can realize the transmission of RF signals and energy.

RF cable assembly is one of the key components in the transmission system. Its role is very important, and its performance will seriously affect the working quality of the transmission system. The performance of RF cable assembly, especially the voltage standing wave ratio performance, depends not only on the performance of RF cable and RF connector, but also on the installation process of connector. There are often cases where the performance of cable assembly does not meet the specified requirements due to improper installation of connector. Therefore, it is recommended that users with conditions directly purchase cable assemblies produced by professional manufacturers to avoid unnecessary trouble and economic losses. The insertion loss of cable assembly mainly depends on the attenuation of RF cable, and its value is the standard attenuation of dry cable (1 dB/mx cable length) plus twice the insertion loss value of connector. Therefore, when purchasing cable assembly, the attenuation characteristics of cable must be fully considered.

There are many classifications of RF cable assemblies, but the more practical one is to classify them according to their use. RF cable assemblies can be divided into five categories: general cable assemblies (IT type), high-performance cable assemblies (IGX type), low-loss cable assemblies (IDH type), stable phase cable assemblies (WX type) and test cable assemblies (ICS type). If there are no special requirements for performance, general cable assemblies can be selected. If there are high requirements for voltage standing wave ratio, high-performance cable assemblies can be selected. If there are special requirements for attenuation, low-loss cable assemblies or stable phase cable assemblies can be selected. If there are special requirements for phase consistency, bending phase stability, and especially temperature phase stability, stable phase cable assemblies must be selected. If multiple uses are required and the performance is required to be particularly stable, test cables can be selected.

When purchasing RF cable assemblies, the connector model, cable model, assembly length, and the marking content and placement of the mark should be specified. If the measurement position of the cable assembly length is inconsistent with the company's model naming method, it should be clearly stated.



General Cable Assemblies



DRT-SMAJ/SMAJXXX Cable Assemblies



DRT-NJ / NJXXX

High Performance Cable Assemblies



DRGX-2.92J/2.92JXXX Cable Assemblies



DRGX-3.5J/3.5JXXX Cable Assemblies

Main performance of several typical cable assemblies

Cable assembly model	Frequency range	VSWR	Insertion loss Db Max
DRT-SMAJ/SMAJXXX	0 ~ 18GHz	≤ 1.20	Cable standard attenuation $+2 \times 0.06 \sqrt{f(\text{GHz})}$
DRT-SMAJ/SMAKXXX	0 ~ 18GHz	≤ 1.25	
DRT-NJ/NJXXX	0 ~ 18GHz	≤ 1.25	
DRT-NJ/NKXXX	0 ~ 18GHz	≤ 1.30	
DRT-SMPK/SMPKXXX	0 ~ 18GHz	≤ 1.25	
DRT-SSMAJ/SSMAJXXX	0 ~ 18GHz	≤ 1.25	
DRT-TNCJ/TNCJXXX	0 ~ 18GHz	≤ 1.25	

Main performance of several typical cable assemblies

Cable assembly model	Frequency range	VSWR	Insertion loss Db Max
DRGX-2.92J/2.92JXXX	0 ~ 40GHz	≤ 1.30	Cable standard attenuation $+2 \times 0.06 \sqrt{f(\text{GHz})}$
DRGX-2.92J/2.92KXXX	0 ~ 40GHz	≤ 1.35	
DRGX-3.5J/3.5JXXX	0 ~ 26.5GHz	≤ 1.25	
DRGX-3.5J/3.5KXXX	0 ~ 26.5GHz	≤ 1.30	
DRGX-SMAJ/SMAJXXX	0 ~ 26.5GHz	≤ 1.35	
DRGX-NJ/NJXXX	0 ~ 18GHz	≤ 1.25	
DRGX-NJ/SMAJXXX	0 ~ 18GHz	≤ 1.25	



Low Loss Cable Assemblies



DRDH-SMAJ/SMAJXXX Cable Assemblies



DRDH-3.5J/3.5JXXX Cable Assemblies

Phase-stable Cable Assemblies



DRWX-2.92J/2.92JXXX Cable Assemblies



DRWX-NK/NKXXX Cable Assemblies

Main performance of several typical cable assemblies

Cable assembly model	Frequency range	VSWR	Insertion loss Db Max
DRDH-2.92J/2.92JXXX	0 ~ 40GHz	≤1.25	Cable standard attenuation $+2 \times 0.06 \sqrt{f(\text{GHz})}$
DRDH-2.92J/2.92KXXX	0 ~ 40GHz	≤1.30	
DRDH-3.5J/3.5JXXX	0 ~ 26.5GHz	≤1.25	
DRDH-3.5K/3.5KXXX	0 ~ 26.5GHz	≤1.30	
DRDH-SMAJ/SMAJXXX	0 ~ 18GHz	≤1.20	
DRDH-NJ/NJXXX	0 ~ 18GHz	≤1.25	
DRDH-NJ/SMAJXXX	0 ~ 18GHz	≤1.25	

Main performance of several typical cable assemblies

Cable assembly model	Frequency range	VSWR	Insertion loss Db Max
DRWX-2.92J/2.92JXXX	0 ~ 40GHz	≤1.25	Cable standard attenuation $+2 \times 0.06 \sqrt{f(\text{GHz})}$
DRWX-2.92J/2.92KXXX	0 ~ 40GHz	≤1.30	
DRWX-3.5J/3.5JXXX	0 ~ 26.5GHz	≤1.25	
DRWX-3.5K/3.5KXXX	0 ~ 26.5GHz	≤1.30	
DRWX-SMAJ/SMAJXXX	0 ~ 18GHz	≤1.20	
DRWX-NJ/NJXXX	0 ~ 18GHz	≤1.25	
DRWX-NJ/SMAJXXX	0 ~ 18GHz	≤1.25	



Test Cable Assemblies



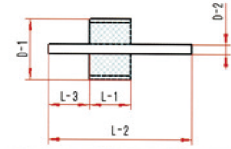
DRCS-2.92J/2.92JXXX Cable Assemblies DRCS-SMAJ/SMAJXXX Cable Assemblies

Main performance of several typical cable assemblies

Cable assembly model	Frequency range	VSWR	Insertion loss Db Max
DRCS-2.92J/2.92JXXX	0 - 40GHz	≤ 1.20	Cable standard attenuation $+2 \times 0.06 \sqrt{f(\text{GHz})}$
DRCS-2.92J/2.92KXXX	0 - 40GHz	≤ 1.20	
DRCS-3.5J/3.5JXXX	0 - 26.5GHz	≤ 1.20	
DRCS-3.5K/3.5KXXX	0 - 26.5GHz	≤ 1.20	
DRCS-SMAJ/SMAJXXX	0 - 18GHz	≤ 1.20	
DRCS-NJ/NJXXX	0 - 18GHz	≤ 1.20	
DRCS-NJ/SMAJXXX	0 - 18GHz	≤ 1.20	



Radio Frequency (RF) Insulators



Model	D-1	D-2	L-1	L-2	L-3	Notes
RF2014-0.3(4.4-1.5)	2.0	0.3	1.4	4.4	1.5	
RF2014-0.3(8-4.6)	2.0	0.3	1.4	8.0	4.6	
RF2014-0.3(3.9-0.4)	2.0	0.3	1.6	3.9	1.4	
RF2016-0.3(8-4.6)	2.0	0.3	1.6	8.0	4.6	
RF2516-038(8-4.6)	2.5	0.38	1.6	8.0	4.6	
RF2516-0.38(12-2)	2.5	0.38	1.6	12.0	2.0	
RF2516-0.38(17-6)	2.5	0.38	1.6	17.0	6.0	
RF2520-0.38(9-2)	2.5	0.38	2.0	9.0	2.0	
RF2520-0.38(16-2)	2.4	0.38	2.0	16.0	2.0	
RF2530-0.38(12-2.2)	2.5	0.38	3.0	12.0	2.2	
RF2816-0.45(5.2-1.1)	2.8	0.45	1.6	5.2	1.1	
RF2816-0.45(8-4.6)	2.8	0.45	1.6	8.0	4.6	
RF2816-0.45(12-3)	2.8	0.45	1.6	12.0	3.0	
RF3016-0.5(7.8-2)	3.0	0.5	1.6	7.8	2.0	
RF3016-0.5(12-5)	3.0	0.5	1.6	12.0	5.0	
RF3020-0.5(6-1.5)	3.0	0.5	2.0	6.0	1.5	
RF3020-0.5(6.5-2.2)	3.0	0.5	2.0	6.5	2.2	
RF3020-0.5(8.5-2.2)	3.0	0.5	2.0	8.5	2.2	
RF3020-0.5(12-4)	3.0	0.5	2.0	12.0	4.0	
RF3020-0.5(12-5)	3.0	0.5	2.0	12.0	5.0	
RF3030-0.5(14-4)	3.0	0.5	3.0	14.0	4.0	
RF3030-0.5(33-15)	3.0	0.5	3.0	33.0	15.0	
RF3042-0.5(9-2.2)	3.0	0.5	4.2	9.0	2.2	
RF3047-0.5(9.4-2.2)	3.0	0.5	4.7	9.4	2.2	
RF3047-0.5(12-2.2)	3.0	0.5	4.7	12.0	2.2	
RF4720-0.8(6.5-2)	4.7	0.8	2.0	6.5	2.0	
RF5530-0.9(9-3)	5.5	0.9	3.0	9.0	3.0	
RF9430-1.5(10.5-3)	9.4	1.5	3.0	10.5	3.0	

VSWR, Return Loss and Transmission Loss vs Transmission Power

VSWR	Return Loss (dBm)	Trans. Loss (dB)	Volt. Refl Coeff	Power Trans (%)	Power Refl (%)
1.00	—	0.000	0.00	100.0	0.0
1.01	46.1	0.000	0.00	100.0	0.0
1.02	40.1	0.000	0.01	100.0	0.0
1.03	36.6	0.001	0.01	100.0	0.0
1.04	34.2	0.002	0.02	100.0	0.0
1.05	32.3	0.003	0.02	99.9	0.1
1.06	30.7	0.004	0.03	99.9	0.1
1.07	29.4	0.005	0.03	99.9	0.1
1.08	28.3	0.006	0.04	99.9	0.1
1.09	27.3	0.008	0.04	99.8	0.2
1.10	26.4	0.010	0.05	99.8	0.2
1.11	25.7	0.012	0.05	99.7	0.3
1.12	24.9	0.014	0.06	99.7	0.3
1.13	24.3	0.016	0.06	99.6	0.4
1.14	23.7	0.019	0.07	99.6	0.4
1.15	23.1	0.021	0.07	99.5	0.5
1.16	22.6	0.024	0.07	99.5	0.5
1.17	22.1	0.027	0.08	99.4	0.6
1.18	21.7	0.030	0.08	99.3	0.7
1.19	21.2	0.033	0.09	99.2	0.8
1.20	20.8	0.036	0.09	99.2	0.8
1.21	20.4	0.039	0.10	99.1	0.9
1.22	20.1	0.043	0.10	99.0	1.0
1.23	19.7	0.046	0.10	98.9	1.1
1.24	19.4	0.050	0.11	98.9	1.1
1.25	19.1	0.054	0.11	98.8	1.2
1.26	18.8	0.058	0.12	98.7	1.3
1.27	18.5	0.062	0.12	98.6	1.4
1.28	18.2	0.066	0.12	98.5	1.5
1.29	17.9	0.070	0.13	98.4	1.6
1.30	17.7	0.075	0.13	98.3	1.7
1.32	17.2	0.083	0.14	98.1	1.9
1.34	16.8	0.093	0.15	97.9	2.1
1.36	16.3	0.102	0.15	97.7	2.3
1.38	15.9	0.112	0.16	97.5	2.5
1.40	15.8	0.122	0.17	97.2	2.8
1.42	15.2	0.133	0.17	97.0	3.0
1.44	14.9	0.144	0.18	96.7	3.3
1.46	14.6	0.155	0.19	96.5	3.5
1.48	14.3	0.166	0.19	96.3	3.7
1.50	14.0	0.177	0.20	96.0	4.0
1.52	13.7	0.189	0.21	95.7	4.3
1.54	13.4	0.201	0.21	95.5	4.5
1.56	13.2	0.213	0.22	95.2	4.8
1.58	13.0	0.225	0.22	94.9	5.1
1.60	12.7	0.238	0.23	94.7	5.3
1.62	12.5	0.250	0.24	94.4	5.6

VSWR, Return Loss and Transmission Loss vs Transmission Power

VSWR	Return Loss (dBm)	Trans. Loss (dB)	Volt. Refl Coeff	Power Trans (%)	Power Refl (%)
1.64	12.3	0.263	0.24	94.1	5.9
1.66	12.1	0.276	0.25	93.8	6.2
1.68	11.9	0.289	0.25	93.6	6.4
1.70	11.7	0.302	0.26	93.3	6.7
1.72	11.5	0.315	0.26	93.0	7.0
1.74	11.4	0.329	0.27	92.7	7.3
1.76	11.2	0.342	0.28	92.4	7.6
1.78	11.0	0.356	0.28	92.1	7.9
1.80	10.9	0.370	0.29	91.8	8.2
1.82	10.7	0.384	0.29	91.5	8.5
1.84	10.6	0.398	0.30	91.3	8.7
1.86	10.4	0.412	0.30	91.0	9.0
1.88	10.3	0.426	0.31	90.7	9.3
1.90	10.2	0.440	0.31	90.4	9.6
1.92	10.0	0.454	0.32	90.1	9.9
1.94	9.9	0.468	0.32	89.8	10.2
1.96	9.8	0.483	0.32	89.5	10.5
1.98	9.7	0.497	0.33	89.2	10.8
2.00	9.5	0.512	0.33	88.9	11.1
2.50	7.4	0.881	0.43	81.6	18.4
3.00	6.0	1.249	0.50	75.0	25.0
3.50	5.1	1.603	0.56	69.1	30.9
4.00	4.4	1.938	0.60	64.0	36.0
4.50	3.9	2.255	0.64	59.5	40.5
5.00	3.5	2.553	0.67	55.6	44.4
5.50	3.2	2.834	0.69	52.1	47.9
6.00	2.9	3.100	0.71	49.0	51.0
6.50	2.7	3.351	0.73	46.2	53.8
7.00	2.5	3.590	0.75	43.7	56.2
7.50	2.3	3.817	0.76	41.5	58.5
8.00	2.2	4.033	0.78	39.5	60.5
8.50	2.1	4.240	0.79	37.7	62.3
9.00	1.9	4.437	0.80	36.0	64.0
9.50	1.8	4.626	0.81	34.5	65.5
10.00	1.7	4.807	0.82	33.1	66.9
11.00	1.6	5.149	0.83	30.6	69.4
12.00	1.5	5.466	0.85	28.4	71.6
13.00	1.3	5.762	0.86	26.5	73.5
14.00	1.2	6.040	0.87	24.9	75.1
15.00	1.2	6.301	0.88	23.4	76.6
16.00	1.1	6.547	0.88	22.1	77.9
17.00	1.0	6.780	0.89	21.0	79.0
18.00	1.0	7.002	0.89	19.9	80.1
19.00	0.9	7.212	0.90	19.0	81.0
20.00	0.9	7.413	0.90	18.1	81.9
25.00	0.7	8.299	0.92	14.8	85.2
30.00	0.6	9.035	0.94	12.5	87.5

RF, Microwave and Millimeter Wave Frequency Bands

Frequency Band Letter Designation	Frequency Range	Wavelength
L band	1 - 2 GHz	15cm - 30cm
S band	2 - 4 GHz	7.5cm - 15cm
C band	4 - 8 GHz	3.75cm - 7.5cm
X band	8 - 12 GHz	25mm - 37.5cm
Ku band	12 - 18 GHz	16.7mm - 25mm
K band	18 - 26.5 GHz	11.3mm - 16.7mm
Ka band	26.5 - 40 GHz	7.5mm - 11.3mm
Q band	33 - 50 GHz	6.0mm - 9.0mm
U band	40 - 60 GHz	5.0mm - 7.5mm
V band	50 - 75 GHz	4.0mm - 6.0mm
W band	75 - 110 GHz	2.7mm - 4.0mm
F band	90 - 110 GHz	2.7mm - 3.3mm
D band	110 - 170 GHz	1.8mm - 2.7mm

Maximum frequency, power and coupling torque

Connector Type	Maximum Frequency (GHz)	Maximum CW Power @ Max. Frequency (Watts)	Coupling Torque	
			(N/cm)	(in/lb)
2.4mm	50	55	90	8
2.92mm/K	40	60	90	8
3.5mm	34	65	90	8
SMA precision	26.5	70	57	5
BNC	4	70	N/A	N/A
TNC	18	250	N/A	N/A
Type N	11	150	135	12
Type N precision	18	250	135	12
Type C	12	440	N/A	N/A
7-16 DIN	7.5	820	226	20
7/8 EIA	7.5	820	N/A	N/A
1 5/8 EIA	3	3200	N/A	N/A

Connector Power Handling vs Frequency

