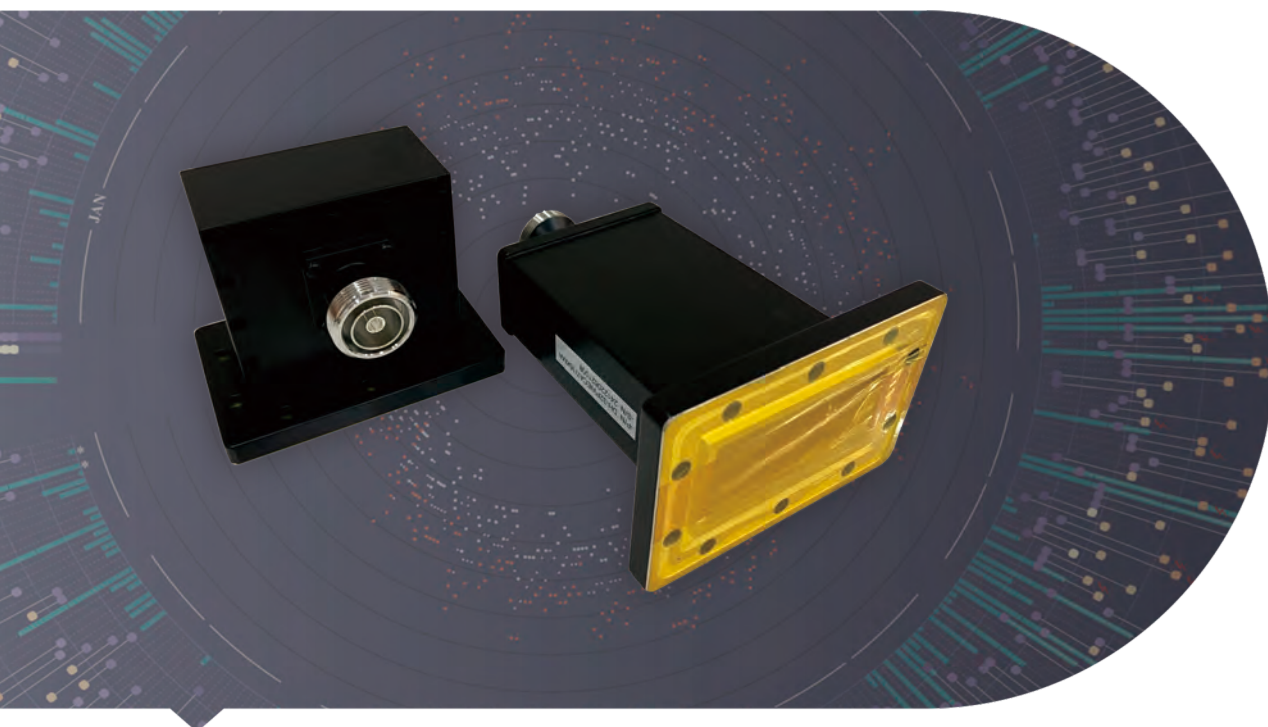


# WAVEGUIDE TO COAXIAL ADAPTER



## → Features

- Waveguide size: WR2300 to WR10
- VSWR: 1.25(Typical); 1.15(Precision)
- Connector: N, TNC, 7-16, SMA, 2.92, 2.4, 3.5(F/M)
- Configuration: End launch and right angle
- Material: Al/Cu
- Flange: Cover, Grooved and Choke

## → Description

Dolph Microwave waveguide to coax adapters used as mode transfer from waveguide to coaxial. Al and Cu optional. Connector available in SMA, N-type and 2.92mm connector. Flange can be done as cover, grooved and choke. Both standard and customized can be chosen.

Model	WR Type	Frequency (Ghz)	VSWR Max.	IL Max. (dB)	Power Rating Avg.(W)	Connector Type	Size (mm)
DH-8WCAN...	WR1150	0.64-0.98	1.2	0.15	1000	N/SMA/TNC	260*235*381
DH-9WCAN...	WR975	0.75-1.15	1.2	0.15	1000	N/SMA/TNC	231*212*336
DH-12WCAN...	WR770	0.96-1.46	1.2	0.15	1000	N/SMA/TNC	166*187*285
DH-14WCAN...	WR650	1.13-1.73	1.2	0.15	1000	N/SMA/TNC	150*138*220
DH-18WCAN...	WR510	1.45-2.20	1.2	0.15	800	N/SMA/TNC	120*120*185
DH-22WCAN...	WR430	1.72-2.61	1.2	0.2	800	N/SMA/TNC	100*106*161
DH-26WCAN...	WR340	2.17-3.30	1.2	0.2	800	N/SMA/TNC	90*95*138
DH-32WCAN...	WR284	2.60-3.95	1.2	0.2	800	N/SMA/TNC	72*76*114
DH-40WCAN...	WR229	3.22-4.90	1.2	0.2	800	N/SMA/TNC	65*70*98
DH-48WCAN...	WR187	3.94-5.99	1.2	0.2	800	N/SMA/TNC	54*63*89
DH-58WCAN...	WR159	4.64-7.05	1.2	0.2	800	N/SMA/TNC	50*62*81
DH-70WCAN...	WR137	5.38-8.17	1.2	0.2	800	N/SMA/TNC	48*49*68
DH-84WCAN...	WR112	6.57-9.99	1.2	0.2	800	N/SMA/TNC	40*48*48
DH-100WCAN...	WR90	8.20-12.40	1.2	0.2	150	N/SMA/TNC	38*41*41
DH-120WCAN...	WR75	9.84-15.0	1.2	0.2	150	N/SMA/TNC	30*38*38
DH-140WCAN...	WR62	11.9-18.0	1.2	0.2	150	N/SMA/TNC	27*33*33
DH-180WCAS...	WR51	14.5-22.0	1.2	0.2	100	SMA/2.92	27*30*30
DH-220WCAS...	WR42	17.6-26.7	1.2	0.2	100	SMA/2.92	25*22*22
DH-260WCAS...	WR34	21.7-33.0	1.2	0.2	100	SMA/2.92	33*21*21
DH-320WCAS...	WR28	26.3-40.0	1.2	0.2	100	SMA/2.92	25*19*19
DH-400WCAS...	WR22	33.0-50.0	1.5	0.8	50	2.4/1.85	27*28.6*28.6
DH-500WCA1.85...	WR19	40.0-60.0	1.5	0.8	50	2.4/1.85	27*28.6*28.6
DH-620WCA1.85...	WR15	55.0-65.0	1.5	1.0	50	1.0	30*19.1*19.1
DH-740WCA1.0...	WR12	60.5-91.9	1.5	1.0	10	1.0	28*28.6*28.6
DH-900WCA1.0...	WR10	73.8-112.0	1.5	1.0	10	1.0	22*19.1*19.1

Body Geometry	Flange Type	Inside Finish	Body Finish	Material
Right Angle/End Launch	Cover/Grooved	Iridite per MIL-C-5541	Anticorrosion Black Painted	Al/Brass
Right Angle/End Launch	Cover/Grooved	Iridite per MIL-C-5541	Anticorrosion Black Painted	Al/Brass
Right Angle/End Launch	Cover/Grooved	Iridite per MIL-C-5541	Anticorrosion Black Painted	Al/Brass
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## Ordering Information

### DH - 120 WCA N K P A

DH	Dolph Microwave
120	WR75
WCA	Right Angle
WECA	End Launch
N	Connector Type
K	Female
P	Flange Cover
M	Flange Grooved
A	Material Al