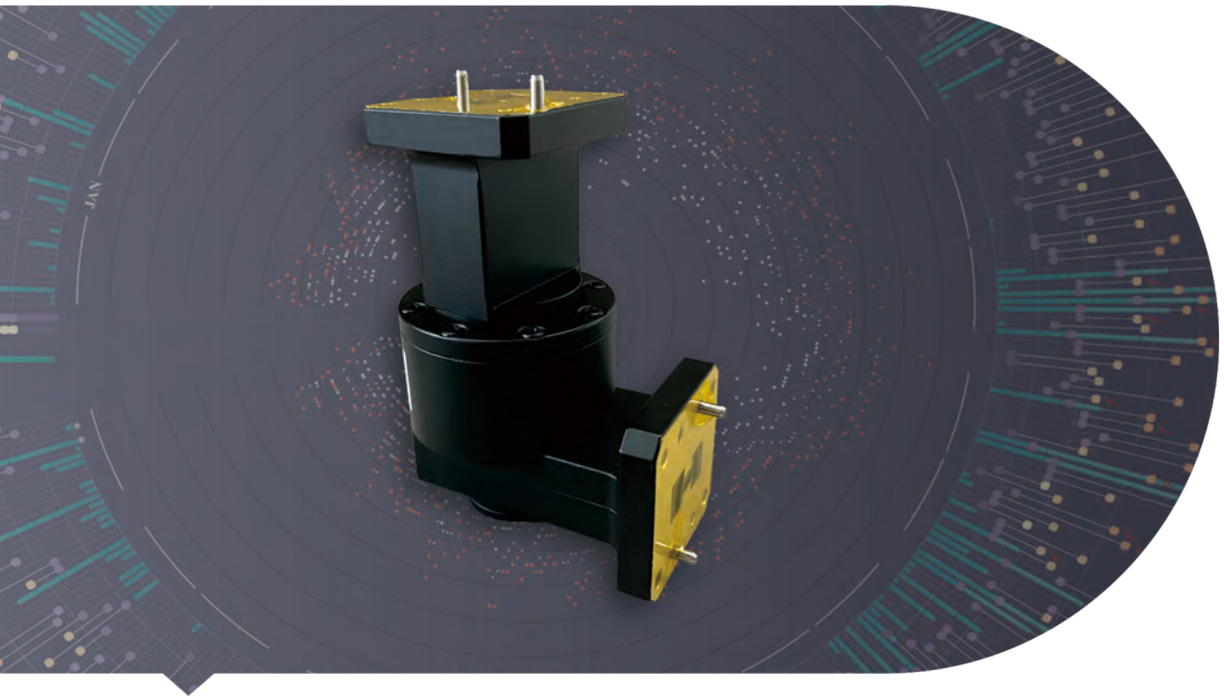
DOUBLE RIDGED
WAVEGUIDE ROTARY JOINTS



Features

Waveguide size: WRD84 to WRD180

Channel: Single or dual channel

Type: L, I and U

Material: Al and Cu

Flange: Cover and Grooved

Description

Dolph Microwave Double ridged waveguide rotary joint is high power handling, high rotary speed. Optional in pressure, leakage and torque. Both L, I and U shaped are all available. Standard and customized can be chosen in mechanical configurations.

Model	WR Type	Frequency (GHz)	VSWR Max.	IL Max. (dB)	Ave. Power (W)	Lifetimes	Pressure (PSIG)
DH-84DRWRJ…	WRD84	0.84-2.0	1.5	0.5	650	5 x 10^6	15
DH-150DRWRJ…	WRD150	1.5-3.6	1.5	0.5	650	5 x 10^6	15
DH-200DRWRJ…	WRD200	2.0-4.8	1.5	0.5	650	5 x 10^6	15
DH-250DRWRJ…	WRD250	2.6-7.8	1.5	0.5	650	5 x 10^6	15
DH-350DRWRJ…	WRD350	3.5-8.2	1.5	0.5	650	5 x 10^6	15
DH-475DRWRJ…	WRD475	4.75-11.0	1.5	0.5	650	5 x 10^6	15
DH-500DRWRJ…	WRD500	5.0-18.0	1.5	0.5	500	5 x 10^6	15
DH-580DRWRJ…	WRD580	5.8-16.0	1.5	0.5	650	5 x 10^6	15
DH-650DRWRJ…	WRD650	6.5-18.0	1.5	0.5	280	5 x 10^6	15
DH-750DRWRJ…	WRD750	7.5-18.0	1.5	0.5	280	5 x 10^6	15
DH-700DRWRJ…	WRD700	7.0-18.0	1.5	0.5	280	5 x 10^6	15
DH-110DRWRJ…	WRD110	11.0-26.5	1.5	0.5	100	5 x 10^6	15
DH-180DRWRJ…	WRD180	18.0-40.0	1.5	0.5	100	5 x 10^6	15

Ingress Protection	Shape Type	Flange Type	Inside Finish	Body Finish	Material
IP65	I / L / U	Cover/Grooved	Iridite per MIL-C-5541	Anticorrosion Black Painted	Al/Brass
IP65	I / L / U	Cover/Grooved	Iridite per MIL-C-5541	Anticorrosion Black Painted	Al/Brass
IP65	I / L / U	Cover/Grooved	Iridite per MIL-C-5541	Anticorrosion Black Painted	Al/Brass
IP65	I / L / U	Cover/Grooved	Iridite per MIL-C-5541	Anticorrosion Black Painted	Al/Brass

Ordering Information	
DH - 650DR WRJ L P M A	
DH	Dolph Microwave
650DR	WRD650
WRJ	Waveguide Rotary Joints
L	Type-L
I	Type-I
U	Type-U
P	Flange Cover
M	Flange Grooved
A	Material Al