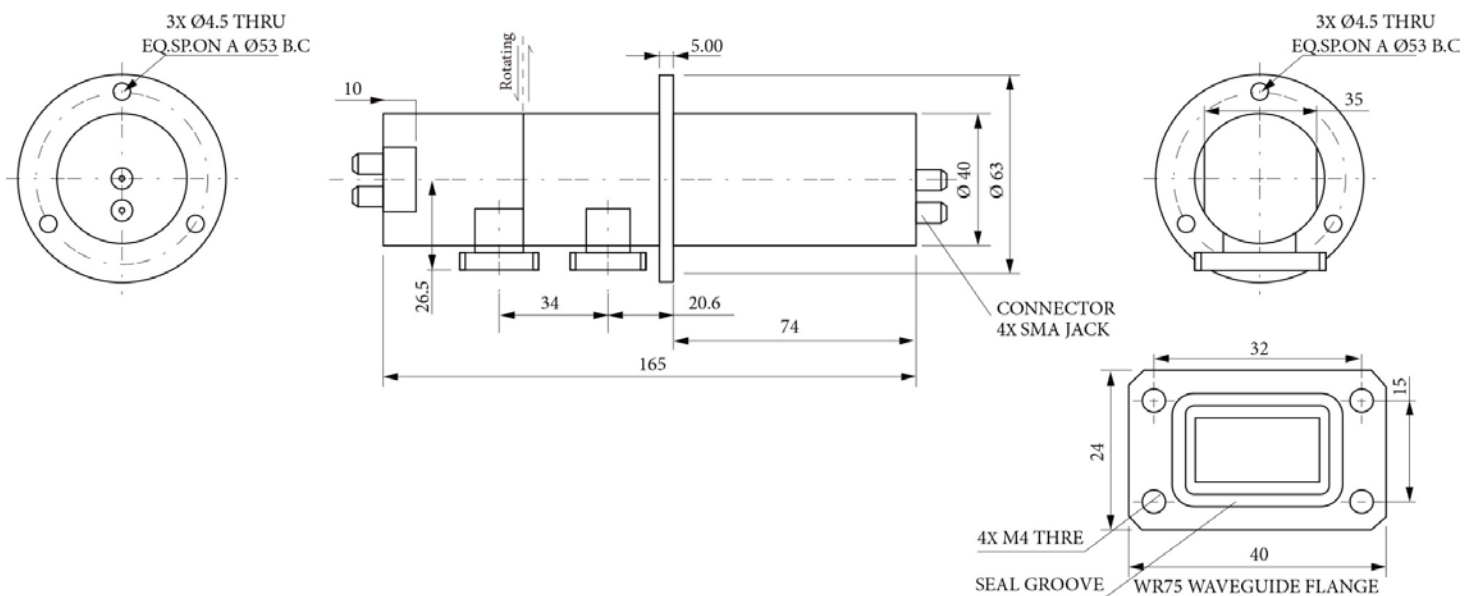


DATA SHEET, RJ153175, 3 Channel Rotary Joint



DATA SHEET, RJ153175, 3 Channel Rotary Joint

Specifications	Channel 1	Channel 2	Channel 3
Connector	UBR120 Flange	SMA Female	SMA Female
Frequency Range	13.5 GHz~14.6 GHz	DC ~13.0 GHz	DC~4.5 GHz
Peak Power, Max.	20 kW	1 kW @ 1.0 GHz	1 kW @ 1.0 GHz
Average Power, Max.	500 W	10 W	10 W
VSWR, Max.	1.2	1.4 @ DC – 4GHz 2.0 @ 4 - 13GHz	1.5 @ DC – 4.5GHz
VSWR WOW, Max.	0.05	0.05	0.20
Insertion Loss, Max.	0.3 dB	0.7 dB @ DC - 4GHz 1.8 dB @ 4 - 13GHz	0.9 dB @ DC – 4.5GHz
Insertion Loss WOW, Max.	0.05 dB	0.05 dB	0.15 dB
Isolation, Min.	50 dB		
Rotating Speed, Max.	20 RPM		
Starting Torque, Max.	0.03 Nm @ Ambient Temp		
Case Material	Aluminum Alloy		
Connector Material	Copper Alloy		
Case Surface Finish	Chromate Conversion Coat Per MIL-C-5541		
Connector Surface Finish	Gold Plated		
Marking	Adhesive Label		
Operation Temperature Range	-50°C to +80°C		
Operation Humidity	95% RH (Non-Condensing)		
Operation IP Protection Level	IP60 per EN 60529		
Storage Temperature Range	-55°C to +85°C		
Storage Humidity	95% RH (Non-Condensing)		