



DRAFT

Specifications			
	Channel 1	Channel 2	Channel 3
Interface	WR34 Flange	WR75 Flange	SMA Female (50Ω)
Style	U style	U style	I style
Frequency Range	25.0 to 27.5 GHz and 29.4 to 31.0 GHz	13.75 to 14.5 GHz	0 to 12.75 GHz
Peak Power, max.	3000 W	5000 W	1000 W
Average Power, max.	100 W	100 W	1 W
VSWR, max.	1.5	1.3	2.0
VSWR WOW, max.	0.05	0.05	0.2
Insertion Loss, max.	0.5 dB	0.3 dB	2.0 dB
Insertion Loss WOW, max.	0.1 dB	0.1 dB	0.2 dB
Phase WOW, max.	1 deg.	2 deg.	2 deg.
Pressurization	No over pressure	No over pressure	N / A
Leakage	N / A	N / A	N / A
Isolation	> 50 dB	> 50 dB	≥ 60 dB
Rotating Speed, max.	20 RPM	Life Time, Min.	0.5 million resolution
Body Material	Copper	Body Surface Finish	Chromated
Material Contact	Beryllium Copper	Material Contact Finish	Gold Plate
Starting Torque	50 Ncm	Continuous Rotational Torque	50 Ncm
Axial load on interface, max	10 N	Radial load on interface, max.	10 N
Weight	2 kg	Insulator Material	PTFE / Teflon
Marking	Adhesive Label	IP protection level	IP 60 per EN 60529
Temperature (Ambient Range)	-55 to +70°C (Operation)	Humidity (non-condensing), max.	85% (Operation)
	Centigrade (Storage)		95% (Storage)

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