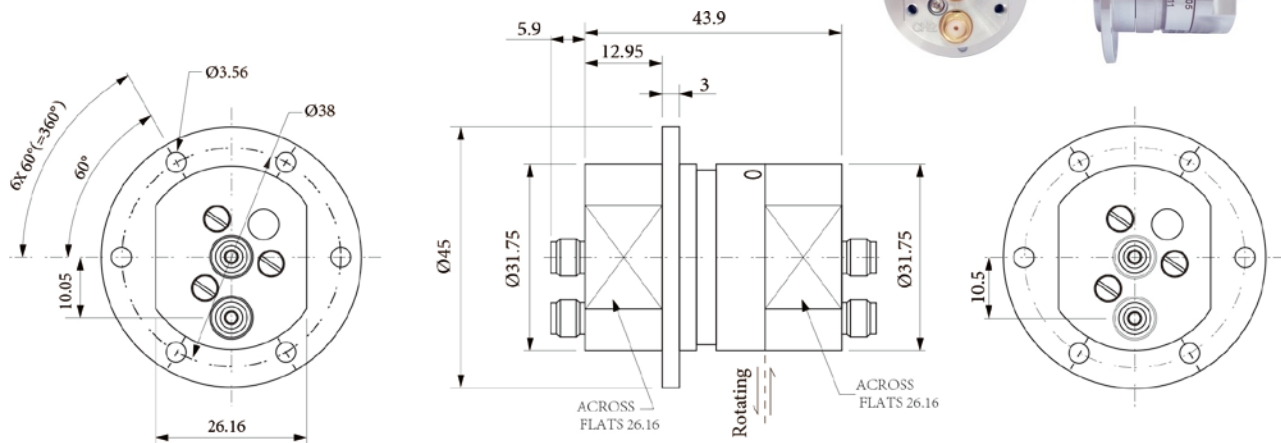


- Small Size and lightweight, excellent RF performance
- DC upto 18 GHz working frequency for both channels



Specifications

Specifications			
		Channel 1	Channel 2
Interface		SMA Female (50 ohms)	SMA Female (50 ohms)
Style		I Type	I Type
Frequency Range		DC to 18 GHz	DC to 18 GHz
Peak Power, Max.		1000 W	1000 W
Average Power, Max.		100 W @ 0 to 2 GHz 60 W @ 2 to 4 GHz 35 W @ 4 to 8 GHz 25 W @ 8 to 12 GHz 17 W @ 12 to 18 GHz	10 W
VSWR, Max.		1.35 @ 0 to 8 GHz 1.5 @ 8 to 18 GHz	2.0 @ 0 to 4 GHz 2.5 @ 4 to 8 GHz 3.5 @ 8 to 12 GHz 4.5 @ 12 to 18 GHz
VSWR WOW , Max.		0.1	0.1 @ 0 to 4 GHz 0.4 @ 4 to 8 GHz 0.8 @ 8 to 12 GHz 2.0 @ 12 to 18 GHz
Insertion Loss, Max.		0.4 dB @ 0 to 8 GHz 1.0 dB @ 8 to 18 GHz	0.5 dB @ 0 to 4 GHz 1.0 dB @ 4 to 8 GHz 2.0 dB @ 8 to 12 GHz 3.5 dB @ 12 to 18 GHz
Insertion Loss WOW, Max.		0.06 dB	0.1 dB @ 0 to 4 GHz 0.35dB @ 4 to 8 GHz 0.7 dB @ 8 to 12 GHz 1.5 dB @ 12 to 18 GHz
Phase WOW (Degrees Max.)		0.5 ° @ DC to 8 GHz 1.5° @ 8 to 18 GHz	4 ° @ DC to 8 GHz 10° @ 8 to 12 GHz 25° @ 12 to 18 GHz
Isolation Min.		50 dB	
DC Power (Applied To One Channel Only)		0.5 A , 48 VDC @ Full RF Avg. Power 2 A , 48 VDC @ RF Avg. Power 5W 5 A, 48 VDC @ RF Avg. Power 5W	0.5 A , 24 VDC @ Full RF Avg. Power
Rotation Speed, Max.	30 rpm	Life, Min.	10 Million Revolutions
Starting Torque, Max.	5 Ncm	Rotational Torque, Max.	5 Ncm
Case Material	Aluminum Alloy	Material Contact	Beryllium Copper
Case Ssurface Finish	Chromate Conversion Coat	Contact Finish	Gold Plated
Weight	0.13kg	Insulator Material	PTFE / Teflon
Temperature Range	-40 to +70°C (Operation)	Humidity (Non-Condensing), Max.	95% (Operation)
	-55 to +70°C (Storage)		95% (Storage)
IP Protection Level	IP 60 per EN 60529	Marking	Adhesive Label