



**Specifications**

	Channel 1		Channel 2	
Interface	SMA Female (50 ohms)		SMA Female (50 ohms)	
Style	I Type		I Type	
Frequency Range	DC to 4.5 GHz		DC to 4.5 GHz	
Peak Power, Max.	1500 W		1500 W	
Average Power, Max.	50 W @ 4.5 GHz		50 W @ 4.5 GHz	
VSWR, Max.	1.18		1.50	
VSWR WOW (360° Max.)	0.04		0.16	
Insertion Loss, Max.	0.25 dB		0.30 dB	
Insertion Loss WOW, Max.	0.05 dB		0.15 dB	
Phase WOW (Degrees Max.)	0.5 °		4.0 °	
Isolation	50 dB Min. / 60 dB Typical			
DC Power (Applied To One Channel Only)	0.5 A * 48 VDC @ Full Power		0.5 A * 48 VDC @ Full Power	
Rotation Speed, Max.	60 rpm		Life, Min.	
Starting Torque	5 Ncm Max.		10 Million Revolutions	
Axial Load On Interface, Max	± 20 N		Continuous Rotational Torque	
Body Material	Aluminum Alloy		5 Ncm Max.	
Body Surface Finish	Chromate Conversion Coat		Radial Load On Interface, Max	
Weight	0.13 kg		± 20 N	
Temperature (Ambient Range)	-40 to +70°C (Operation)		Material Contact	
	-50 to +70°C (Storage)		Beryllium Copper	
IP Protection Level	IP 60 Per EN 60529		Material Contact Finish	
			Gold Plated	
			Insulator Material	
			PTFE / Teflon	
			Humidity (Non-Condensing), Max.	
			85% (Operation)	
			95% (Storage)	
			Marking	
			Adhesive Label	

Molex reserves the right to change this Datasheet without notice!