



Specifications

	Channel 1		Channel 2	
Interface	SMA Female (50 ohms)		SMA Female (50 ohms)	
Style	L Type		L Type	
Frequency Range	DC to 14.5 GHz		DC to 13 GHz	
Peak Power, Max.	1000 W		1000 W	
Average Power, Max.	100 W @ 0 to 4 GHz 35 W @ 4 to 10 GHz 25 W @ 10 to 14.5 GHz		20 W @ 13 GHz	
VSWR, Max.	1.5		2.0	
VSWR WOW (360° Max.)	0.1		0.5	
Insertion Loss, Max.	1.0 dB		1.0 dB	
Insertion Loss WOW, Max.	0.06 dB		0.4 dB	
Phase WOW (Degrees Max.)	0.5 deg. @ 0 to 8 GHz 1.0 deg. @ 8 to 14.5 GHz		4 deg. @ 0 to 8 GHz 10 deg. @ 8 to 13 GHz	
Isolation Min.	50 dB			
DC Power (Applied To One Channel Only)	0.5 A*48 VDC @ Full RF Power 2 A*48 VDC @ Power 5 W		0.5 A*24 VDC @ Full Power	
Rotation Speed, Max.	30 rpm	Life, Min.	5 Million Revolutions	
Starting Torque, Max.	5 Ncm	Rotational Torque, Max.	5 Ncm	
Axial Load On Interface, Max.	±5 N	Radial Load On Interface, Max.	±5 N	
Insulator Material	PTFE / Teflon	Case Material Contact / Finish	Copper Alloy / Chromate Conversion Coat	
Weight	0.13 kg	Contact Material / Finish	Beryllium Copper / Gold Plated	
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	

Molex reserves the right to change this Datasheet without notice!