

D系列 40GHz 超低损耗稳幅稳相电缆组件

D-series 40GHz Ultra Low Loss Phase Stable Cable Assembly

产品规格书

Specification

产品型号 Part No.		D40-29M29M-L			
电气性能		Electrical Characteristics			
工作频率	Frequency	DC - 40 GHz			
特性阻抗	Impedance	50 Ω			
绝缘电阻	Insulation Resistance	5000 mΩ			
介质耐压	Dielectric Withstanding Voltage	1000 V			
屏蔽效率	Shielding Effectiveness	≥ 90 dB			
传播速率	Velocity of Propagation	83%			
电压驻波比	VSWR	1.30 Max			
温度相位稳定性	Phase Stability vs. Temperature	≤ 550 PPM (-55℃ ~ +85℃)			
弯曲相位稳定性	Phase Stability vs. Flexsure	≤ ±2°			
弯曲幅度稳定性	Amplitude stability	≤ ±0.05 dB			
外形图 Outline					
2.92mm Male Heat shrink Tube Marker Cable 2.92mm Male +2% 0					
机械与环境性能		Mechanical and Environmental Characteristics			
电缆外径	Cable Diameter	3.6 mm			
最小弯曲半径	Min. Bend Radius	36 mm			
工作温度	Operating Temperature Range	-55℃ ~ +165℃			
组件衰减指标		Attenuation			
电缆组件型号	Part No.	12.4GHz	18GHz	26.5GHz	40GHz
D40-29M29M-0.5M		0.96 dB	1.17 dB	1.44 dB	1.78 dB
D40-29M29M-1.0M		1.65 dB	2.01 dB	2.46 dB	3.06 dB
D40-29M29M-1.5M		2.33 dB	2.84 dB	3.48 dB	4.34 dB
D40-29M29M-2.0M		3.02 dB	3.67 dB	4.51 dB	5.62 dB
D40-29M29M-3.0M		4.39 dB	5.34 dB	6.56 dB	8.18 dB
D40-29M29M-5.0M		7.13 dB	8.67 dB	10.65 dB	13.29 dB
连续波功率	CW Power (sea level / 25℃)	139 W	115 W	93 W	75 W
注 电缆组件接头和长度可接受定制. Different connector types and the lengths of D series cable assembly are available. In the effort to improve our products, Lair Microwave reserves the right to make changes judged to be necessary.					
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