

D系列 50GHz 超低损耗稳幅稳相电缆组件

D-series 50GHz Ultra Low Loss Phase Stable Cable Assembly

产品规格书

Specification

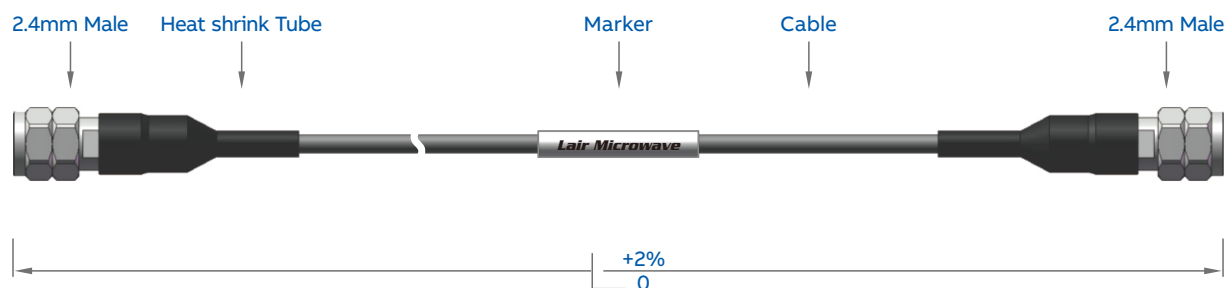
产品型号 Part No.

D50-24M24M-L

电气性能 Electrical Characteristics

工作频率	Frequency	DC - 50 GHz
特性阻抗	Impedance	50 Ω
绝缘电阻	Insulation Resistance	5000 m Ω
介质耐压	Dielectric Withstanding Voltage	400 V
屏蔽效率	Shielding Effectiveness	≥ 90 dB
传播速率	Velocity of Propagation	81%
电压驻波比	VSWR	1.30 Max
温度相位稳定性	Phase Stability vs. Temperature	≤ 550 PPM (-55°C ~ +85°C)
弯曲相位稳定性	Phase Stability vs. Flexure	$\leq \pm 2^\circ$
弯曲幅度稳定性	Amplitude stability	$\leq \pm 0.05$ dB

外形图 Outline



机械与环境性能 Mechanical and Environmental Characteristics

电缆外径	Cable Diameter	2.2 mm
最小弯曲半径	Min. Bend Radius	22 mm
工作温度	Operating Temperature Range	-55°C ~ +125°C

组件衰减指标 Attenuation

电缆组件型号 Part No.	18GHz	26.5GHz	40GHz	50GHz
D50-24M24M-0.5M	1.77 dB	2.18 dB	2.73 dB	3.08 dB
D50-24M24M-1.0M	3.21 dB	3.95 dB	4.95 dB	5.59 dB
D50-24M24M-1.5M	4.65 dB	5.72 dB	7.17 dB	8.11 dB
D50-24M24M-2.0M	6.08 dB	7.49 dB	9.39 dB	10.62 dB
D50-24M24M-3.0M	8.95 dB	11.03 dB	13.83 dB	15.65 dB
D50-24M24M-5.0M	14.69 dB	18.11 dB	22.71 dB	25.71 dB
连续波功率 CW Power (sea level / 25°C)	21 W	17 W	14 W	12 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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