

UF系列 40GHz 超柔测试电缆组件

UF-series 40GHz Low Loss Phase Cable Assembly

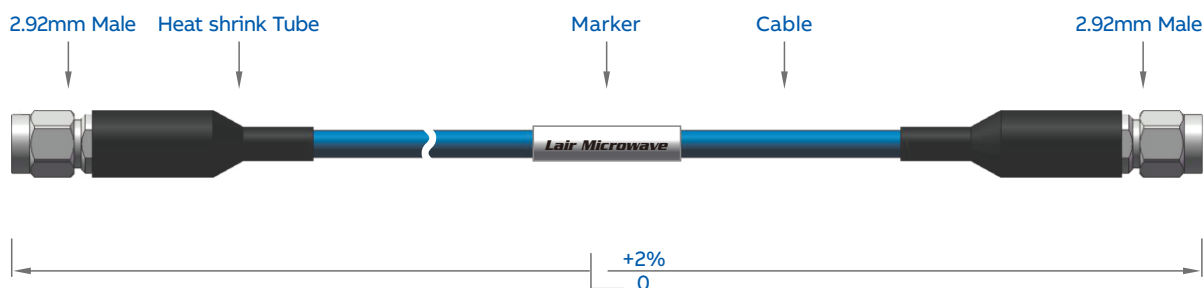
产品规格书

Specification

产品型号 Part No.	UF40-29M29M-L
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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 500 V
屏蔽效率	Shielding Effectiveness ≥ 90 dB
传播速率	Velocity of Propagation 76%
电压驻波比	VSWR 1.30 Max
温度相位稳定性	Phase Stability vs. Temperature /
弯曲相位稳定性	Phase Stability vs. Flexure ≤ ±5°
弯曲幅度稳定性	Amplitude stability ≤ ±0.1 dB

外形图 Outline



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°C ~ +85°C

组件衰减指标 Attenuation		12.4GHz	18GHz	26.5GHz	40GHz
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	UF40-29M29M-0.5M	1.28 dB	1.56 dB	1.94 dB	2.45 dB
	UF40-29M29M-1.0M	2.27 dB	2.79 dB	3.47 dB	4.39 dB
	UF40-29M29M-1.5M	3.26 dB	4.01 dB	4.99 dB	6.34 dB
	UF40-29M29M-2.0M	4.26 dB	5.24 dB	6.52 dB	8.28 dB
	UF40-29M29M-3.0M	6.24 dB	7.69 dB	9.58 dB	12.17 dB
	UF40-29M29M-5.0M	10.22 dB	12.58 dB	15.69 dB	19.95 dB
连续波功率 CW Power (sea level / 25°C)		31 W	25 W	20 W	16 W

注 电缆组件接头和长度可接受定制。 Different connector types and the lengths of UF 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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