

UF系列 18GHz 超柔测试电缆组件

UF-series 18GHz Low Loss Phase Cable Assembly

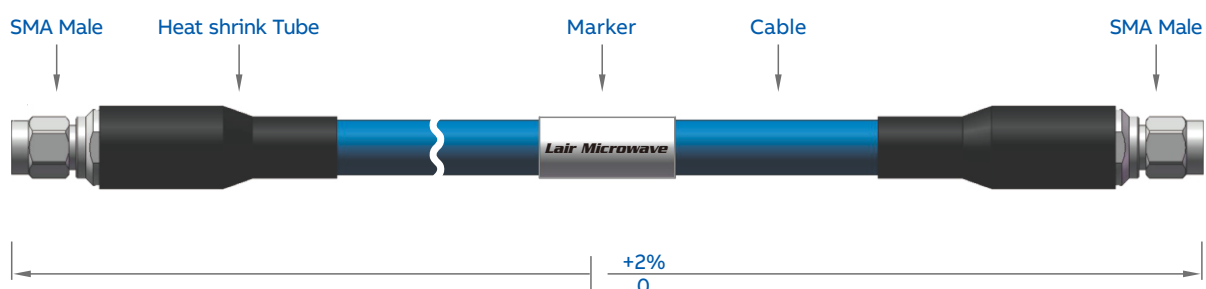
产品规格书

Specification

产品型号 Part No.	UF18-SMSM-L
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电气性能 Electrical Characteristics		
工作频率	Frequency	DC - 18 GHz
特性阻抗	Impedance	50 Ω
绝缘电阻	Insulation Resistance	5000 mΩ
介质耐压	Dielectric Withstanding Voltage	1700 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	8.0mm
最小弯曲半径	Min. Bend Radius	80 mm
工作温度	Operating Temperature Range	-55°C ~ +85°C

组件衰减指标 Attenuation				
电缆组件型号 Part No.	3GHz	6GHz	12.4GHz	18GHz
UF18-SMSM-0.5M	0.31 dB	0.45 dB	0.68 dB	0.85 dB
UF18-SMSM-1.0M	0.48 dB	0.71 dB	1.08 dB	1.36 dB
UF18-SMSM-1.5M	0.65 dB	0.96 dB	1.48 dB	1.87 dB
UF18-SMSM-2.0M	0.82 dB	1.22 dB	1.88 dB	2.38 dB
UF18-SMSM-3.0M	1.16 dB	1.73 dB	2.68 dB	3.40 dB
UF18-SMSM-5.0M	1.84 dB	2.75 dB	4.28 dB	5.44 dB
连续波功率 CW Power (sea level / 25°C)	176 W	117 W	74 W	58 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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