

UF系列 26.5GHz 超柔测试电缆组件

UF-series 26.5GHz Low Loss Phase Cable Assembly

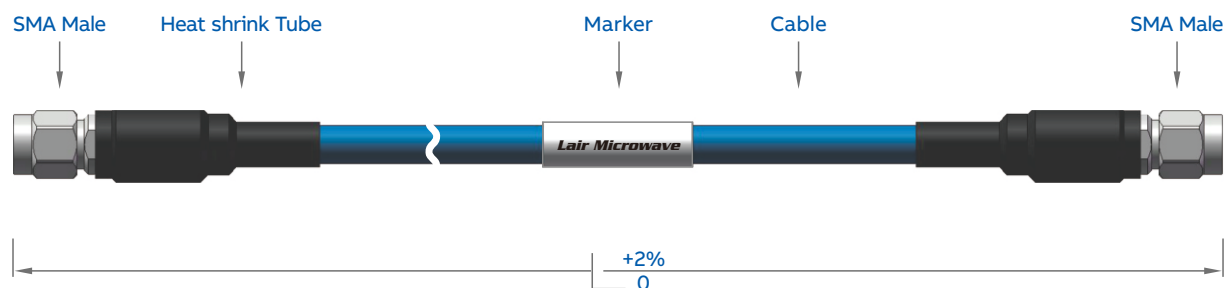
产品规格书

Specification

| | |
|---------------|--------------------|
| 产品型号 Part No. | UF26-SMSM-L |
|---------------|--------------------|

| 电气性能 Electrical Characteristics | |
|---------------------------------|--|
| 工作频率 | Frequency DC - 26.5 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 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 5.0mm |
| 最小弯曲半径 | Min. Bend Radius 50 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. | 6GHz | 12.4GHz | 18GHz | 26.5GHz |
| UF26-SMSM-0.5M | 0.71 dB | 1.07 dB | 1.33 dB | 1.67 dB |
| UF26-SMSM-1.0M | 1.23 dB | 1.86 dB | 2.32 dB | 2.93 dB |
| UF26-SMSM-1.5M | 1.74 dB | 2.65 dB | 3.31 dB | 4.19 dB |
| UF26-SMSM-2.0M | 2.26 dB | 3.44 dB | 4.30 dB | 5.45 dB |
| UF26-SMSM-3.0M | 3.29 dB | 5.02 dB | 6.28 dB | 7.98 dB |
| UF26-SMSM-5.0M | 5.36 dB | 8.18 dB | 10.24 dB | 13.02 dB |
| 连续波功率 CW Power (sea level / 25°C) | 56 W | 36 W | 29 W | 23 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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