

T系列 18GHz 低损耗稳相电缆组件

T-series 18GHz Low Loss Phase Cable Assembly

产品规格书

Specification

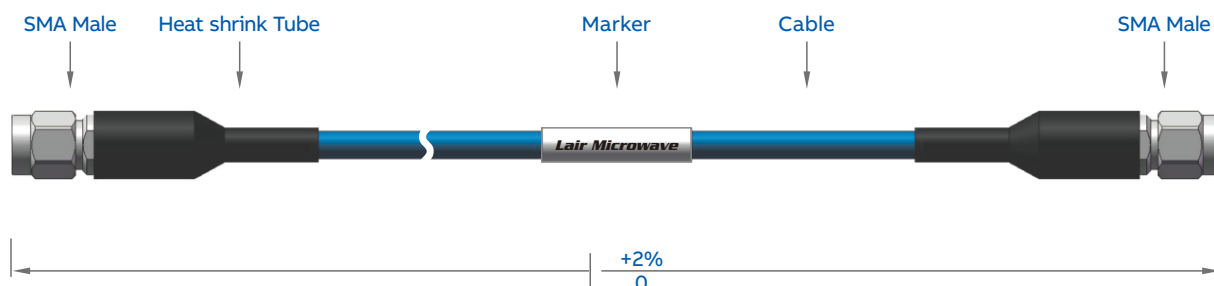
产品型号 Part No.

T18-SMSM-L

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	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	≤ ±0.05 dB

外形图 Outline



机械与环境性能 Mechanical and Environmental Characteristics

电缆外径	Cable Diameter	4.6mm
最小弯曲半径	Min. Bend Radius	46 mm
工作温度	Operating Temperature Range	-55°C ~ +165°C

组件衰减指标 Attenuation

电缆组件型号 Part No.	3GHz	6GHz	12.4GHz	18GHz
T18-SMSM-0.5M	0.45 dB	0.64 dB	0.93 dB	1.13 dB
T18-SMSM-1.0M	0.76 dB	1.08 dB	1.58 dB	1.92 dB
T18-SMSM-1.5M	1.07 dB	1.53 dB	2.23 dB	2.72 dB
T18-SMSM-2.0M	1.38 dB	1.97 dB	2.88 dB	3.51 dB
T18-SMSM-3.0M	2.00 dB	2.86 dB	4.18 dB	5.09 dB
T18-SMSM-5.0M	3.24 dB	4.64 dB	6.78 dB	8.26 dB
连续波功率 CW Power (sea level / 25°C)	324 W	227 W	155 W	127 W

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