

T系列 18GHz 低损耗稳相电缆组件

T-series 18GHz Low Loss Phase Cable Assembly

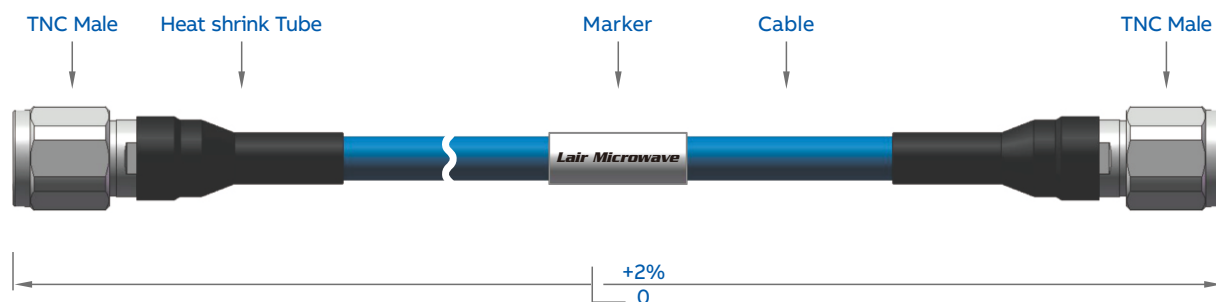
产品规格书

Specification

产品型号 Part No.	T18-TMTM-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	2000 V
屏蔽效率	Shielding Effectiveness	≥ 100 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	≤ ±3°
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	6.35mm
最小弯曲半径	Min. Bend Radius	63.5 mm
工作温度	Operating Temperature Range	-55°C ~ +200°C

组件衰减指标		Attenuation			
电缆组件型号	Part No.	3GHz	6GHz	12.4GHz	18GHz
	T18-TMTM-0.5M	0.34 dB	0.48 dB	0.70 dB	0.85 dB
	T18-TMTM-1.0M	0.53 dB	0.76 dB	1.12 dB	1.36 dB
	T18-TMTM-1.5M	0.73 dB	1.04 dB	1.53 dB	1.87 dB
	T18-TMTM-2.0M	0.92 dB	1.32 dB	1.95 dB	2.38 dB
	T18-TMTM-3.0M	1.32 dB	1.89 dB	2.78 dB	3.41 dB
	T18-TMTM-5.0M	2.10 dB	3.02 dB	4.45 dB	5.45 dB
连续波功率	CW Power (sea level / 25°C)	578 W	401 W	271 W	221 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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