

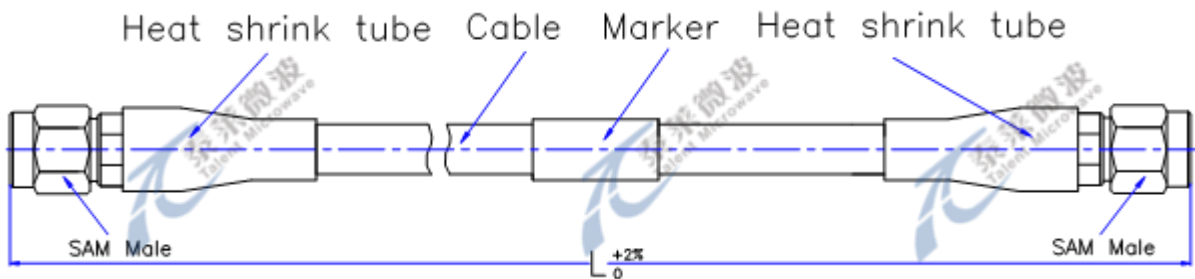
A50 系列 18GHz 超低损耗稳相电缆



产品规格书
Product Specification

规格型号
Product Mode
A50-SMAMSMAM-L

示意图 Sketch Map:



电性能&机械性能 Electrical & Mechanical Characteristics

特性阻抗 Impedance(Ohm)	50
绝缘电阻 Insulation Resistance (MΩ)	5000
截止频率 Operating Frequency(GHz)	26.5
介质耐压 Dielectric Withstanding Voltage(V)	1500
电压驻波比 VSWR	1.25:1@18GHz
屏蔽效率 Shielding Effectiveness(dB)	90
速率 Velocity	83%
弯曲稳相 Phase Stability vs. Flexure(°)	±2° @18GHz
静态最小弯曲半径 Min. Bending Radius Static (mm)	20.0
工作温度 Operating Temperature(°C)	-55~+125
电缆直径 Cable Diameter (mm)	5.2

材质&涂镀 Material&Coat-Plating

电缆护套 Cable Jacket	聚全氟乙丙烯 FEP
接触件 Contact	铜镀金 Brass,Gold Plating
绝缘子 Insulators	聚四氟乙烯 PTFE
连接器主体 Connector Body	不锈钢钝化 Stainless Steel, Passivated
连接器螺套 Connector Coupling Nut	不锈钢钝化 Stainless Steel, Passivated

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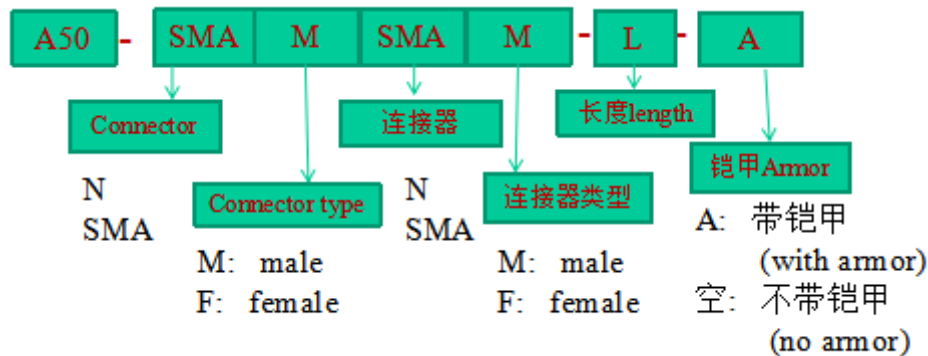
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产品型号列表 Part Number List

产品型号 Part Number	最大插入损耗 Max Insertion Loss ≤ (dB)			
	3GHz	6GHz	12GHz	18GHz
A50-SMAMSMAM-0.2M	0.15	0.22	0.32	0.41
A50-SMAMSMAM-0.5M	0.27	0.39	0.57	0.71
A50-SMAMSMAM-1.0M	0.47	0.68	0.98	1.22
A50-SMAMSMAM-1.5M	0.68	0.97	1.40	1.73
A50-SMAMSMAM-2.0M	0.88	1.26	1.81	2.24
A50-SMAMSMAM-3.0M	1.29	1.84	2.64	3.26
A50-SMAMSMAM-5.0M	2.11	3.0	4.30	5.30
电缆连续波功率 Power CW for Cable (Watts)	500	350	244	197

接头类型和长度可接受定制，型号编码指南

(part number coding for different connector and different length)



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