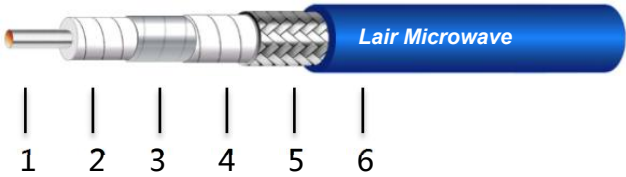


型号 Cable Type : LT260

LT系列高精密稳幅稳相测试电缆

Amplitude and Phase Stable Testing Cable



结构 Construction	材料 Materials	尺寸 O.D (mm)
1.中心导体 Center Conductor	镀银铜 Silvered Copper	0.51
2.绝缘层 Dielectric	低密度聚四氟乙烯 Low Density PTFE	1.53
3.内屏蔽层 Inner Shield	镀银铜带绕包 Silvered Copper Tape Wrapping	1.65
4.中间层 Middle Layer	低密度聚四氟乙烯 Low Density PTFE	1.95
5.外屏蔽层 Outer Shield	镀银铜丝编织 Braided Silvered Copper Wire	2.20
6.护套 Jacket	蓝色氟塑料 Blue FEP	2.60

电气性能 Electrical Specifications

阻抗 Cable Impedance	50 Ω
速率 Velocity	76%
屏蔽效率 Shielding Effectiveness	>90 dB
耐电压 Voltage Withstanding	500 V DC
工作频率 Operating Frequency	DC-67 GHz
弯曲幅度稳定性 Amplitude Stability vs Flexure	< ± 0.1 dB
机械相位稳定性 Mechanical Phase Stability	< $\pm 6^\circ$

机械环境性能 Mechanical & Environmental Specifications

重量 Weight	20 g/m
弯曲半径, 静态 Bend Radius, static	11 mm
弯曲半径, 动态 Bend Radius, dynamic	26 mm
温度范围 Temperature Range	-55 ~ +165 $^\circ\text{C}$

衰减典型值 Attenuation (Typical Value @ 25 $^\circ\text{C}$ & Sea Level)

频率 Frequency (MHz)	功率 Power (W)	衰减 Attenuation (dB/m)
300	495	0.34
1000	268	0.63
3000	152	1.11
6000	106	1.60
8500	88	1.92
12400	72	2.35
18000	59	2.88
26500	48	3.56
40000	38	4.48
50000	33	5.08
67000	28	6.02