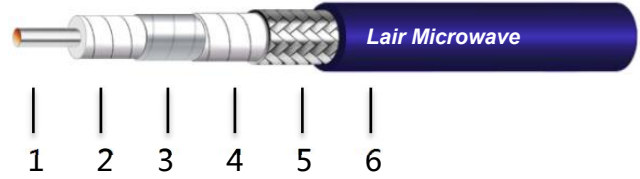


**型号 Cable Type : LT395**

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	0.83
2.绝缘层 Dielectric	低密度聚四氟乙烯 Low Density PTFE	2.42
3.内屏蔽层 Inner Shield	镀银铜带绕包 Silvered Copper Tape Wrapping	2.55
4.中间层 Middle Layer	低密度聚全氟乙丙烯 Low Density FEP	2.85
5.外屏蔽层 Outer Shield	镀银铜丝编织 Braided Silvered Copper Wire	3.42
6.护套 Jacket	紫色聚氨酯 Purple PUR	3.95

**电气性能 Electrical Specifications**

阻抗 Cable Impedance	50 Ω
速率 Velocity	80%
屏蔽效率 Shielding Effectiveness	>90 dB
耐电压 Voltage Withstanding	1000 V DC
工作频率 Operating Frequency	DC-40 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	<±3°

**机械环境性能 Mechanical & Environmental Specifications**

重量 Weight	37 g/m
弯曲半径, 静态 Bend Radius, static	20 mm
弯曲半径, 动态 Bend Radius, dynamic	40 mm
温度范围 Temperature Range	-55 ~ +85 °C

**衰减典型值 Attenuation (Typical Value @ 25°C & Sea Level)**

频率 Frequency (MHz)	功率 Power (W)	衰减 Attenuation (dB/m)
300	318	0.21
1000	173	0.38
3000	99	0.66
6000	69	0.95
8500	57	1.14
12400	47	1.40
18000	38	1.70
26500	31	2.10
40000	25	2.63