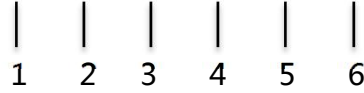


型号 Cable Type : LC500

LC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	镀银铜绞线 Stranded Silvered Copper Wire	1.44
2.绝缘层 Dielectric	低密度聚四氟乙烯 Low Density PTFE	3.85
3.内屏蔽层 Inner Shield	镀银铜带绕包 Silvered Copper Tape Wrapping	4.05
4.中间层 Middle Layer	低密度聚四氟乙烯 Low Density PTFE	4.30
5.外屏蔽层 Outer Shield	镀银铜丝编织 Braided Silvered Copper Wire	4.65
6.护套 Jacket	蓝色氟塑料 Blue FEP	5.10

电气性能 Electrical Specifications

阻抗 Cable Impedance	50 Ω
速率 Velocity	82%
屏蔽效率 Shielding Effectiveness	>90 dB
耐电压 Voltage Withstanding	2000 V DC
工作频率 Operating Frequency	DC-26.5 GHz
弯曲幅度稳定性 Amplitude Stability vs Flexure	< \pm 0.1 dB
机械相位稳定性 Mechanical Phase Stability	< \pm 5°

机械环境性能 Mechanical & Environmental Specifications

重量 Weight	55 g/m
弯曲半径, 静态 Bend Radius, static	25 mm
弯曲半径, 动态 Bend Radius, dynamic	50 mm
温度范围 Temperature Range	-55 ~ +165 °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	1522	0.15
1000	821	0.27
3000	463	0.48
6000	320	0.70
8500	265	0.84
12400	215	1.04
18000	175	1.27
26500	140	1.59