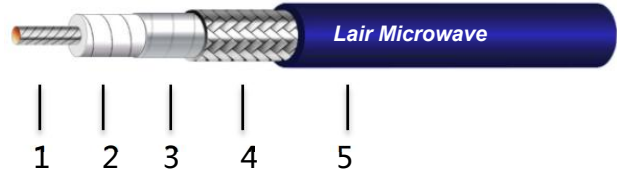


**型号 Cable Type : LU500**

LU系列低损耗超柔电缆

LU Series Low Loss Ultra Flexible 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	1.02
2.绝缘层 Dielectric	低密度聚四氟乙烯 Low Density PTFE	3.00
3.内屏蔽层 Inner Shield	镀银铜带绕包 Silvered Copper Tape Wrapping	3.20
4.外屏蔽层 Outer Shield	镀银铜丝编织 Braided Silvered Copper Wire	3.78
5.护套 Jacket	紫色聚氨酯 Purple PUR	5.00

**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	1000 V DC
工作频率 Operating Frequency	DC-26.5 GHz

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

重量 Weight	51 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 ~ +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	280	0.20
1000	149	0.39
3000	82	0.70
6000	56	1.03
8500	45	1.26
12400	36	1.58
18000	29	1.98
26500	23	2.52