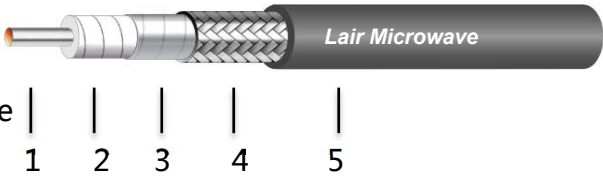


型号 Cable Type : LA1200

LA系列超低损耗稳幅稳相电缆

Ultra-low Loss Amplitude and Phase Stable Cable



结构 Construction	材料 Materials	尺寸 O.D (mm)
1.中心导体 Center Conductor	镀银铜 Silvered Copper	3.80
2.绝缘层 Dielectric	低密度聚四氟乙烯 Low Density PTFE	10.30
3.内屏蔽层 Inner Shield	镀银铜带绕包 Silvered Copper Tape Wrapping	-
4.外屏蔽层 Outer Shield	镀银铜丝编织 Braided Silvered Copper Wire	11.35
5.护套 Jacket	灰色氟塑料 Grey PFA	12.00

电气性能 Electrical Specifications

阻抗 Cable Impedance	50 Ω
速率 Velocity	83%
屏蔽效率 Shielding Effectiveness	>90 dB
耐电压 Voltage Withstanding	3000 V DC
工作频率 Operating Frequency	DC-8 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	< $\pm 5^\circ$

机械环境性能 Mechanical & Environmental Specifications

重量 Weight	282 g/m
弯曲半径，静态 Bend Radius, static	60 mm
弯曲半径，动态 Bend Radius, dynamic	120 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	4440	0.05
1000	2320	0.10
3000	1289	0.18
6000	879	0.26
8000	747	0.31