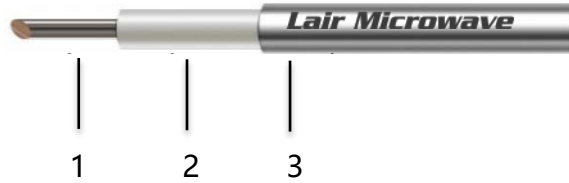


型号 Cable Type: LCC-NTCN034A

.034" 低温半钢射频同轴电缆
.034" Cryogenic Coaxial Cable



结构 Construction	材料 Materials	尺寸 O.D (mm)
1.内导体 Inner Conductor	铌钛合金 NbTi	0.23±0.015
2.介质层 Dielectric	聚四氟乙烯 PTFE	0.62±0.03
3.外导体 Outer Conductor	铜镍合金 CuNi	0.88±0.03

电气性能 Electrical Specifications

工作频率 Operating Frequency	18 GHz
截止频率 Cutoff Frequency	168 GHz
特性阻抗 Impedance	50 Ω
传播速率 Velocity	75%
屏蔽效率 Shielding Efficiency	165 dB
耐压 Withstanding Voltage	100 V, DC

机械环境性能 Mechanical & Environmental Specifications

最小弯曲半径 Minimum Bend Radius	4.3 mm
重量 Weight	3.5 Kg/KM
温度范围 Operating Temperature	5K - 423K

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

频率 Frequency (MHz)	衰减 Attenuation (dB/100m)
1000	106.2
2000	151.7
3000	187.2
6000	269.5
8000	314.0
10000	353.8
12400	397.4
16000	456.5
18000	486.9