



结构参数 Construction and Parameter

	材料 Material	直径 Diameter (mm)
内导体 Center Conductor	镀银铜包钢 Silver plated copperweld	0.29±0.0127
绝缘体 Dielectric	实心 PTFE Solid PTFE	0.94±0.0254
外导体 Outer Conductor	浸锡铜线 Tin-soaked copper Coverage100%	1.19±0.05

电气性能 Electrical Properties

电容 Capacitance(pF/m)	95.1
阻抗 Impedance(ohm)	50
传输速率 Velocity of propagation(%)	70
工作频率 Operating frequency(GHz)	109
灭晕电压 Corona Extinction Voltage	1000V RMS @60Hz
承受电压 Voltage Withstanding	2000V RMS @60Hz

机械性能和环境性能 Mechanical and Environmental Properties

最小弯曲半径（一次） Min. bending radius(mm) (single)	7.63
最小弯曲半径（重复） Min. bending radius(mm) (dynamic)	50
工作温度范围 Operating temperature range(°C)	-40°C~+125°C

衰减、功率（20°C 海平面测试条件） Typical Attenuation(@20°C at Sea Level) dB/m and Power Handling W

频率 Frequency (GHz)	衰减 Attenuation (dB/m)	功率 Power Handling(W)
0.5	0.787	67.4
1.0	1.122	47.4
5.0	2.585	20.7
10.0	3.734	14.4
20.0	5.443	9.9

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