



结构参数 Construction and Parameter

	材料 Material	直径 Diameter (mm)
内导体 Center Conductor	镀银铜线 Silver plated copper	7x0.17mm
绝缘体 Dielectric	实心 PTFE Solid PTFE	1.56
内屏蔽层 1st Outer Conductor	----	---
外屏蔽层 2nd Outer Conductor	镀银铜线 Silver-plated copper braid	1.95
护套 Jacket	FEP	2.56±0.13

电气性能 Electrical Properties

电容 Capacitance(pF/m)	94
阻抗 Impedance(ohm)	50
传输速率 Velocity of propagation(%)	70
工作频率 Operating frequency(GHz)	8
屏蔽衰减 Shielding effectiveness(dB @ 1GHz)	> 70

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

最小弯曲半径 Min. bending radius(mm)	15
工作温度范围 Operating temperature range(°C)	-55°C~+200°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)
0.1	0.27	340
0.4	0.54	170
0.9	0.82	113
1.5	1.06	88
2.0	1.24	76
2.5	1.39	68

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