



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	19/0.30±0.01
绝缘体 Dielectric	低密度 PTFE	4.20±0.1
内屏蔽层 1st Outer Conductor	镀银铜带 Silver-plated copper	4.40±0.1
外屏蔽层 2nd Outer Conductor	镀银铜线 Silver-plated copper braid	4.80±0.1
护套 Jacket	FEP	5.45±0.1

电气性能 Electrical Properties

截止频率 Cutoff frequency(GHz)	26.5
阻抗 Impedance(ohm)	50
传输速率 Velocity of propagation(%)	77
电容 Capacitance(pF/m)	≤91
信号延迟 Signal delay(ns/m)	4.1
承受电压 Voltage Withstanding(V)	2000
屏蔽衰减 Shielding effectiveness(dB)	100

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

工作温度范围 Operating temperature range(°C)	-65°C~+165°C
工作湿度 Operating humidity	<90%

衰减 (25°C 海平面测试条件) Typical Attenuation(@25°C at Sea Level) dB/m

衰减(dB/m) Attenuation	1GHz	2GHz	5GHz	10GHz	18GHz	20GHz
	0.33	0.46	0.75	1.08	1.48	1.64