

## SFX50-1



### 结构参数 Construction Specification

● 内导体 Inner conductor	镀银铜包钢线 Silver Plated Copper Clad Steel	0.29 mm
● 绝缘体 Dielectric	聚四氟乙烯 PTFE	0.94 mm
● 外导体 Outer conductor	浸锡铜线编织 Tin Soaked Copper Braid	1.19 mm

### 电性能参数 Electrical Characteristics

● 电容 Capacitance (pF/m)	95.1
● 阻抗 Impedance (ohm)	50
● 传输速率 Velocity of Propagation (%)	70
● 截止频率 (GHz)	109
● 延时 Time delay (ns/m)	4.7
● 最大检验电压 Max.working voltage (kVrms)	1.5
● 屏蔽衰减到 18GHz Min.Screening effectiveness up to18GHz(dB)	100

### 机械性能参数 Mechanical Characteristics

● 最小弯曲半径(一次) Min. bending radius static (mm)	4
● 最小弯曲半径(重复) Min. bending radius repeated (mm)	20
● 工作温度范围 Operating Temp.(°C)	-55 to 125

### 衰减(≥dB/m)和平均功率(Watts CW) (20°C, 海平面测试条件) Attenuation(≥dB/m) & Average Power(Watts CW) @20°C and Sea Level

频率(GHz)	衰减/ Attenuation (dB/m)	功率/Power(Watts CW)
● 0.5	0.79	62.2
● 1.0	1.12	43.7
● 5.0	2.58	19.1
● 10.0	3.73	13.3
● 20.0	5.44	9.2