

SFX50-5 FEP



结构参数 Construction Specification

● 内导体 Inner conductor	镀银铜 Silver Plated Copper	1.65 mm
● 绝缘体 Dielectric	聚四氟乙烯 PTFE	5.31 mm
● 外导体 Outer conductor	浸锡铜线编织 Tin Soaked Copper Braid	6.10 mm
● 外护套 Jacket	兰色 FEP(Blue)	7.00 mm

电性能参数 Electrical Characteristics

● 电容 Capacitance (pF/m)	95
● 阻抗 Impedance (ohm)	50
● 传输速率 Velocity of Propagation (%)	69.5
● 截止频率 (GHz)	18
● 延时 Time delay (ns/m)	4.8
● 最大检验电压 Max.working voltage (kVrms)	3.5
● 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)	30
● 最小弯曲半径(重复) Min. bending radius repeated (mm)	120
● 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	0.04	1390.0
● 1.0	0.29	954.0
● 5.0	0.74	387.4
● 10.0	1.12	245.3
● 20.0	1.92	156.4