

**型号 Cable Type : RG401(SF250-50-FEP)**

Semi-flexible coaxial cable, 50ohm RG401 type

Applied standard: MIL-C-17



结构 Construction	材料 Materials	尺寸 O.D (mm)
1.内导体 Inner Conductor	镀银铜 Silvered Copper	1.65
2.绝缘层 Dielectric	聚四氟乙烯 PTFE	5.31
3.外导体 Outer Conductor	浸锡铜线编织 Braided Tin Soaked Copper	6.10
4.护套 Jacket	聚全氟乙丙烯 FEP	7.00

**电气性能 Electrical Specifications**

阻抗 Cable Impedance	50 ohm
电容 Capacitance	95 pF/m
速率 Velocity	70%
耐电压 Voltage Withstanding	5000 Vrms
工作电压 Working Voltage	3500 Vrms
工作频率 Operating Frequency	18 GHz Max.

**机械环境性能 Mechanical & Environmental Specifications**

重量 Weight	160 g/m
弯曲半径 Bend Radius	30 mm
温度范围 Temperature Range	-55 ~ +125 °C

**衰减典型值 Attenuation (Typical Value @ 25°C & Sea Level)**

频率 Frequency (MHz)	衰减 Attenuation (dB/m)
400	0.15
500	0.17
1000	0.25
3000	0.46
5000	0.63
6000	0.71
10000	0.98
18000	1.45