

**型号 Cable Type : RG402(SF141-50-FEP)**

Semi-flexible coaxial cable, 50ohm RG402 type

Applied standard: MIL-C-17



结构 Construction	材料 Materials	尺寸 O.D (mm)
1.内导体 Inner Conductor	镀银铜包钢 SCCS	0.93
2.绝缘层 Dielectric	聚四氟乙烯 PTFE	2.98
3.外导体 Outer Conductor	浸锡铜线编织 Braided Tin Soaked Copper	3.58
4.护套 Jacket	聚全氟乙丙烯 FEP	4.15

**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	1900 Vrms
工作频率 Operating Frequency	18 GHz Max.

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

重量 Weight	52 g/m
弯曲半径 Bend Radius	40 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)	功率 Power (W)	衰减 Attenuation (dB/m)
400	488	0.25
500	437	0.28
1000	303	0.40
3000	167	0.73
5000	127	0.96
6000	115	1.06
10000	86	1.41