

型号 Cable Type : RG405(SF086-50-FEP)

Semi-flexible coaxial cable, 50ohm RG405 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	0.53
2.绝缘层 Dielectric	聚四氟乙烯 PTFE	1.66
3.外导体 Outer Conductor	浸锡铜线编织 Braided Tin Soaked Copper	2.10
4.护套 Jacket	聚全氟乙丙烯 FEP	2.60

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	3000 Vrms
工作电压 Working Voltage	1500 Vrms
工作频率 Operating Frequency	61 GHz Max.

机械环境性能 Mechanical & Environmental Specifications

重量 Weight	18 g/m
弯曲半径 Bend Radius	6 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	194	0.45
500	174	0.50
1000	122	0.70
3000	69	1.27
5000	52	1.72
6000	48	1.89
10000	36	2.49
20000	24	3.55