

产品规格书

Product Specifications

型号 Cable Type : RG405-SR086

Semi-rigid 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	0.51
2.绝缘层 Dielectric	聚四氟乙烯 PTFE	1.68
3.外导体 Outer Conductor	镀三元合金无缝退火紫铜管 Ternary Alloy Plated Seamless Annealed Bare Copper Tube	2.20

电气性能 Electrical Specifications

阻抗 Cable Impedance	50 ohm
电容 Capacitance	95.1 pF/m
速率 Velocity	70%
耐电压 Voltage Withstanding	3500 Vrms@60Hz
工作电压 Working Voltage	1500 Vrms@60Hz
工作频率 Operating Frequency	41 GHz Max.

机械环境性能 Mechanical & Environmental Specifications

重量 Weight	20 g/m
弯曲半径 Bend Radius	7.6 mm
温度范围 Temperature Range	-55 ~ +125 °C
外导体承受温度 Withstanding Temp. of Outer Conductor	175 °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	213	0.40
500	190	0.45
1000	133	0.64
3000	68	1.26
5000	57	1.51
6000	52	1.66
10000	39	2.22
20000	27	3.29