

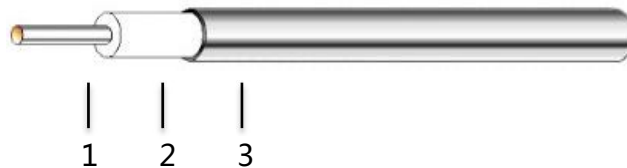
产品规格书

Product Specifications

型号 Cable Type : RG401-SR250

Semi-rigid 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	镀三元合金无缝退火紫铜管 Ternary Alloy Plated Seamless Annealed Bare Copper Tube	6.35

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	7500 Vrms@60Hz
工作电压 Working Voltage	3000 Vrms@60Hz
工作频率 Operating Frequency	19 GHz Max.

机械环境性能 Mechanical & Environmental Specifications

重量 Weight	160 g/m
弯曲半径 Bend Radius	22.2 mm
温度范围 Temperature Range	-55 ~ +125 °C
外导体承受温度 Withstanding Temperature of Outer Conductor	150 °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	1499	0.13
500	1332	0.15
1000	915	0.22
3000	494	0.42
5000	364	0.57
6000	324	0.64
10000	238	0.89
18000	163	1.33