

型号 Cable Type : RG214

Flexible coaxial cable, 50ohm RG214 type

Applied standard: MIL-C-17



结构 Construction	材料 Materials	尺寸 O.D (mm)
1.内导体 Inner Conductor	镀银铜绞线 Stranded Silvered Copper Wire	2.26 (0.75X7)
2.绝缘层 Dielectric	聚乙烯 Polyethylene	7.24
3.外导体 Outer Conductor	双层镀银铜编织 Double Silvered Copper Braid	8.40
4.护套 Jacket	黑色聚氯乙烯 Black PVC	10.80

电气性能 Electrical Specifications

阻抗 Cable Impedance	50 ohm
电容 Capacitance	101.05 pF/m
速率 Velocity	66%
耐电压 Voltage Withstanding	5000 Vrms
工作电压 Working Voltage	3700 Vrms
工作频率 Operating Frequency	6 GHz Max.

机械环境性能 Mechanical & Environmental Specifications

重量 Weight	180 g/m
弯曲半径 Bend Radius	40 mm
温度范围 Temperature Range	-25 ~ +70 °C
环保 RoHS Compliance	Compliant

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

频率 Frequency (MHz)	衰减 Attenuation (dB/m)
100	0.07
400	0.14
1000	0.24
3000	0.47
5000	0.65
6000	0.73