

产品规格书

Product Specifications



型号 Cable Type : RG8

Flexible coaxial cable, 50ohm RG8 type

Applied standard: MIL-C-17



结构 Construction	材料 Materials	尺寸 O.D (mm)
1.内导体 Inner Conductor	铜包铝 Copper Clad Aluminum	2.74
2.绝缘层 Dielectric	发泡聚乙烯 Foam PE	7.24
3.外导体 Outer Conductor	自粘铝箔+镀锡铜丝 Self-adhesive Aluminum Foil + Tinned Copper Wire	8.00
4.护套 Jacket	黑色聚乙烯 Black PE	10.16

电气性能 Electrical Specifications

阻抗 Cable Impedance	50 ohm
电容 Capacitance	78 pF/m
速率 Velocity	85%
护套耐压 Jacket Spark Test	8000 Vrms
工作频率 Operating Frequency	6 GHz
屏蔽效率 Shielding Effectiveness	>90 dB

机械环境性能 Mechanical & Environmental Specifications

重量 Weight	80 g/m
弯曲半径 Bend Radius	25.4 mm
温度范围 Temperature Range	-40 ~ +80 °C

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

频率 Frequency (MHz)	衰减 Attenuation (dB/m)
400	0.10
1000	0.16
1800	0.20
3000	0.28
4000	0.34
5000	0.38
6000	0.42