

型号 Cable Type : AMR100

Flexible coaxial cable, 50ohm



结构 Construction	材料 Materials	尺寸 O.D (mm)
1.内导体 Inner Conductor	无氧铜 Bare Copper	0.46
2.绝缘层 Dielectric	发泡聚乙烯 Foam PE	1.55
3.外导体 Outer Conductor	自粘铝箔+镀锡铜丝 Self-adhesive Aluminum Foil + Tinned Copper Wire	2.06
4.护套 Jacket	黑色聚乙烯 Black PE	2.79

电气性能 Electrical Specifications

阻抗 Cable Impedance	50 ohm
电容 Capacitance	102 pF/m
速率 Velocity	66%
护套耐压 Jacket Spark Test	1500 Vrms
工作频率 Operating Frequency	6 GHz
截止频率 Cut-off Frequency	61 GHz Max.
屏蔽效率 Shielding Effectiveness	>90 dB

机械环境性能 Mechanical & Environmental Specifications

重量 Weight	20 g/m
弯曲半径 Bend Radius	6.4 mm
抗压扁力 Flat Plate Crush Strength	0.2 kg/mm
最大拉力 Tensile Strength	6.8 kg
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)
50	0.16
150	0.28
900	0.70
1800	1.04
2500	1.25
3000	1.39
4500	1.84
5800	2.12
6000	2.17