

型号 Cable Type : AMR400

Flexible coaxial cable, 50ohm



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	8.08
4.护套 Jacket	黑色聚乙烯 Black PE	10.29

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	4000 Vrms
工作频率 Operating Frequency	6 GHz
截止频率 Cut-off Frequency	16.2 GHz Max.
屏蔽效率 Shielding Effectiveness	>90 dB

机械环境性能 Mechanical & Environmental Specifications

重量 Weight	100 g/m
弯曲半径 Bend Radius	25.4 mm
抗压扁力 Flat Plate Crush Strength	0.7 kg/mm
最大拉力 Tensile Strength	73 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	0.03
150	0.05
900	0.13
1800	0.18
2500	0.22
3000	0.25
4500	0.31
5800	0.36
6000	0.37