

产品规格书

Product Specifications



型号 Cable Type : AMR500
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	3.61
2.绝缘层 Dielectric	发泡聚乙烯 Foam PE	9.40
3.外导体 Outer Conductor	自粘铝箔+镀锡铜丝 Self-adhesive Aluminum Foil + Tinned Copper Wire	10.29
4.护套 Jacket	黑色聚乙烯 Black PE	12.70

电气性能 Electrical Specifications	
阻抗 Cable Impedance	50 ohm
电容 Capacitance	78 pF/m
速率 Velocity	86%
护套耐压 Jacket Spark Test	8000 Vrms
工作频率 Operating Frequency	6 GHz
截止频率 Cut-off Frequency	12.6 GHz Max.
屏蔽效率 Shielding Effectiveness	>90 dB

机械环境性能 Mechanical & Environmental Specifications	
重量 Weight	140 g/m
弯曲半径 Bend Radius	31.8 mm
抗压扁力 Flat Plate Crush Strength	0.9 kg/mm
最大拉力 Tensile Strength	118 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	0.02
150	0.04
900	0.10
1800	0.15
2500	0.18
3000	0.20
4500	0.25
5800	0.29
6000	0.30