

**型号 Cable Type : AMR300**

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	1.78
2.绝缘层 Dielectric	发泡聚乙烯 Foam PE	4.83
3.外导体 Outer Conductor	自粘铝箔+镀锡铜丝 Self-adhesive Aluminum Foil + Tinned Copper Wire	5.66
4.护套 Jacket	黑色聚乙烯 Black PE	7.62

**电气性能 Electrical Specifications**

阻抗 Cable Impedance	50 ohm
电容 Capacitance	80 pF/m
速率 Velocity	83%
护套耐压 Jacket Spark Test	3500 Vrms
工作频率 Operating Frequency	6 GHz
截止频率 Cut-off Frequency	24.5 GHz Max.
屏蔽效率 Shielding Effectiveness	>90 dB

**机械环境性能 Mechanical & Environmental Specifications**

重量 Weight	60 g/m
弯曲半径 Bend Radius	22.2 mm
抗压扁力 Flat Plate Crush Strength	0.5 kg/mm
最大拉力 Tensile Strength	55 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	0.05
150	0.08
900	0.19
1800	0.28
2500	0.34
3000	0.37
4500	0.48
5800	0.55
6000	0.56