

产品规格书

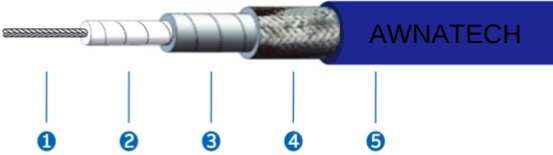
Product Specifications



型号 Cable Type : AU360

低损耗超柔电缆

Low-Loss Super Flexible Cable



结构 Construction	材料 Materials	尺寸 O.D (mm)
1.中心导体 Center Conductor	镀银铜 Silvered Copper	0.72
2.绝缘层 Dielectric	低密度聚四氟乙烯 Low Density PTFE	2.05
3.内屏蔽层 Inner Shield	镀银铜带绕包 Silvered Copper Tape Wrapping	2.22
4.外屏蔽层 Outer Shield	镀银铜丝编织 Braided Silvered Copper Wire	2.66
5.护套 Jacket	蓝色氟塑料 Blue PUR	3.60

电气性能 Electrical Specifications

阻抗 Cable Impedance	50 Ω
速率 Velocity	76%
屏蔽效率 Shielding Effectiveness	>90 dB
耐电压 Voltage Withstanding	500 V DC
工作频率 Operating Frequency	DC-40 GHz

机械环境性能 Mechanical & Environmental Specifications

重量 Weight	30 g/m
弯曲半径，静态 Bend Radius, static	14 mm
弯曲半径，动态 Bend Radius, dynamic	36 mm
温度范围 Temperature Range	-55 ~ + 85 $^{\circ}\text{C}$

衰减典型值 Attenuation (Typical Value @ 25 $^{\circ}\text{C}$ & Sea Level)

频率 Frequency (MHz)	功率 Power (W)	衰减 Attenuation (dB/m)
300	221	0.28
1000	119	0.52
3000	67	0.92
6000	46	1.34
8500	38	1.61
12400	31	1.99
18000	25	2.45
26500	20	3.05
33000	18	3.47
40000	16	3.89