

产品描述 PRODUCT DESCRIPTION

- 电视、投影仪，广播电台、监控系统，天线系统等 Televisions, projectors, radio stations, surveillance systems, antenna systems, etc
- 优化射频特性，如 EMC 特性、回波损耗、衰减、特性阻抗 Optimized for radio frequency properties such as EMC property, return loss, attenuation, characteristic impedance
- 低插入损耗 Low insertion loss
- 优异的机械特性 Robust mechanical properties
- 优越的温度范围 Excellent temperature resistance
- 具有 10~1000MHz 的宽带能力，可用于单向和双向通信系统 With the broadband capability of 10~1000MHz, this cable could be used for both one-way and two-way communication systems



结构尺寸 CONSTRUCTION

内导体 Inner conductor	铜线 copper wire	Φ1.02mm
绝缘层 Insulation	发泡聚乙烯 Foam PE	Φ4.6 mm
外导体 Outer conductor	铝箔 Al foil	
	铝镁丝编织 aluminum-magnesium wire braiding	16x5x0.12
护套层 Jacket	覆盖率 Coverage	>60%
	聚氯乙烯 PVC	Φ7.0 mm

电气特性 ELECTRICAL PROPERTIES

特性阻抗 Characteristic impedance	Ω	75
电容 Capacitance @1kHz	pF/m	53
传输速率 Propagation velocity 直流	%	82
耐电压 DC breakdown voltage 绝缘	VDC (1 min)	1000
电阻 Insulation resistance 工作电压	MΩ·km	>1000
Operation voltage	(V)	60

频率 Frequency MHz	标称衰减 Nom. attenuation @20°C, dB/100m
10	2.2
50	4.9
100	6.9
200	9.7
500	15.1
800	19.2
1000	21.5

*: 最大值不超过标称值的 110%。The maximum value shall not exceed 110% of the nominal value.

环境特性 ENVIRONMENTAL PROPERTIES

推荐运行温度 Recommended operating temperature °C -40 ~ +90