

### 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	Φ0.3mm
绝缘层 Insulation	发泡聚乙烯 Foam PE	Φ1.6 mm
外导体 Outer conductor	铝箔 Al foil	
	镀锡铜丝编织 Tinned copper wire braiding	16x5x0.10
护套层 Jacket	覆盖率 Coverage	>90%
	聚氯乙烯 PVC	Φ2.54 mm

### 电气特性 ELECTRICAL PROPERTIES

特性阻抗 Characteristic impedance	Ω	75
电容 Capacitance @1kHz	pF/m	60
传输速率 Propagation velocity 直流	%	76
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	7.8
50	17.2
100	24.5
200	35.2
500	56.1
800	74.8
1000	86.9

\*: 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