

2.5C-2V

75 欧姆同轴电缆 75 Ohm Coaxial Cable

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	Φ0.4mm
绝缘层 Insulation	发泡聚乙烯 Foam PE	Φ2.3 mm
外导体 Outer conductor	铝箔 Al foil	
	铜丝编织 copper wire braiding	16x4x0.12
覆盖率 Coverage		>80%
护套层 Jacket	聚氯乙烯 PVC	Φ4.0 mm

电气特性 ELECTRICAL PROPERTIES

特性阻抗 Characteristic impedance	Ω	75
电容 Capacitance @1kHz	pF/m	67
传输速率 Propagation velocity	%	66
直流耐电压 DC breakdown voltage	VDC (1 min)	1000
绝缘电阻 Insulation resistance	MΩ·km	>1000
工作电压 Operation voltage	(V)	60

频率 Frequency MHz	标称衰减 Nom. attenuation @20°C, dB/100m
10	5.2
50	11.5
100	16.4
200	23.7
500	37.8
800	50.1
1000	58.2

*: 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