

1-5/8" Radiation Leaky Coaxial Cable


Construction

Inner conductor	Material	Corrugated copper tube
	Diameter	Φ17.7±0.5mmmm
Insulation	Material	Physically foamed PE
	Diameter	Φ43.5±0.5mm
Outer conductor	Material	Slotted,corrugated copper
	Diameter	Φ44.5±0.5mm
Jacket	Material	Low smoke halogen free polyolefin
	Diameter	Φ48.0±0.5mm

Electrical Properties

Transmission attenuation (20°C,dB/100m,Max.105%)	900MHz	≤2.4
Coupling loss dB±5 dB, 95%	900MHz	69
voltage standing wave ratio	885MHz~889MHz	1.3
	930MHz~934MHz	1.3

Engineering data

Characteristic impedance	50Ω	This cable is RoHS compliant. 
Velocity ratio	88%	
Min. insulation resistance	10000MΩ·km	
Min.bend radius,Multiple bend	1000mm	
Max.tensile resistance	1700N	
Working temperature scope	-20~+70 °C	
Minimum installation temperature	-20 °C	

Standard

Fire Retardancy Test Method :IEC 60332 - 1 IEC 60332 - 3C - 24
Smoke Index Test Method : IEC 61034
Toxicity Index Test Method: IEC 60754 - 1 IEC 60754 - 2
Attenuation Test Method : IEC 61196 - 4
Coupling Loss Test Method : IEC 61196 - 4