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7/8”Radiating leaky coaxial cable

Applications:

Foamed polyethylene dielectric radiating leaky coaxial cables solve wireless communication problems in confined areas, such as buildings, tunnels, and subways.

Electrical, Mechanical & Environmental Specifications	
Impedance (Ω)	50±2
Capacitance (pF/m)	76
Velocity (%)	88
Insulation resistance （MΩ.km）	5000
Jacket spark test(kV)	8.0
Peak power rating （kW）	91
Operating Frequency Band(MHz)	800~2700
Minimum Bending Radius (mm) Single Bending Multiple Bending	 280 400
Temperature range （℃）	Fire Retardant Jacket -25～+70
Stop Band(MHz)	1400-1500
VSWR: 790MHz～960MHz 1700MHz～1900MHz 1920MHz～2025MHz 2110MHz～2200MHz 2300MHz～2500MHz 2560MHz～2620MHz	 1.30 1.30 1.40 1.40 1.40 1.40

Frequency (MHz）	Attenuation dB/100m,20℃	Coupling loss. (95%, 2m)
800MHz	4.40	84
900MHz	4.62	82
1800MHz	7.30	76
2000MHz	7.73	79
2100MHz	8.05	76
2300MHz	8.60	76
2400MHz	8.90	78
2500MHz	9.15	84
2600MHz	9.50	81
2700MHz	10.00	80

Construction	
Inner conductor	Helical Copper-tube Diameter （mm） 9.00±0.10
Insulation	3 layers of Insulation Diameter （mm） 23.00±0.50
Outer conductor	Longitudinal wrapped copper outer conductor
Outer conductor (mm)	23.20±0.30
Jacket	FRLSZH

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