

**Radiating Cable 50 Ohm Coaxial 7/8 Inch
Lower Smoke, Halogen Free**
Electrical Specifications

Impedance	50 ohm
Operating Frequency	800-1000MHz, 1700-3000MHz
Max VSWR	1.3
Velocity	88%
Capacitance	76 pf/m
Inductance	0.185 uH/m
Insulation Resistance	5000 M ohm\
DC Breakdown	10000 V
Jacket Spark	8000 V
Attenuation and Coupling Loss	See table below:

Frequency (MHz)	Attenuation (dB/100m)	Average Power (kW)
790	4.03	75/82
900	4.70	69/76
1800	7.90	63/69
2000	8.95	63/68
2200	9.80	62/67
2400	11.30	63/66
2700	14.84	62/69
3000	17.15	60/68

Mechanical Specifications

Minimum Bending Radius	254 mm
Tensile Strength	2300 N
Recommended Clamp Spacing	0.5 m

Mechanical Dimensions & Weight

Inner Conductor OD	9.00 mm
Diameter over Dielectric Material	23.50 mm
Outer Conductor OD	27.30 mm

Material Specifications

Inner Conductor	Copper Tube
Dielectric	Foam PE
Outer Conductor	Copper Foil with Slots
Jacket Material	HFFR PE, (UL1518-1990)
Jacket Color	Black

Environmental Conditions

Storage Temperature	from -70 °C to 85 °C
Operating Temperature	from -40 °C to 85 °C
Installation/Cutting/Re-packaging Temp	from -25 °C to 60 °C

Package Information

Lengths per Reel (meter)	300 / 500 0.45kg/meter
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