

MECHANICAL CHARACTERISTICS

Outer Conductor Diameter, inch (mm)	0.250+/-0.001 (6.35+/-0.0254)
Dielectric Diameter, inch (mm)	0.209 (5.309)
Center Conductor Diameter, inch (mm)	0.0641+/-0.001 (1.628+/-0.0254)
Maximum Length, feet (meters)	20 (6.1)
Minimum Inside Bend Radius, inch (mm)	0.375 (9.53)
Weight, pounds/100 ft. (kg/100 meters)	9.9 (14.7)

ELECTRICAL CHARACTERISTICS

Impedance, ohms	50+/-0.5		
Frequency Range GHz	DC-19		
Velocity of Propagation %	70		
Capacitance, pF/ft. (pF/meter)	29 (95.1)		
Typical Insertion Loss, dB/ft. (dB/meter) and Average Power Handling, Watts CW at 20 degrees Celsius and Sea level	<b>Frequency</b>	<b>Insertion Loss</b>	<b>Power</b>
	0.5 GHz	0.05 (0.15)	1332.1
	1.0 GHz	0.07 (0.22)	914.6
	5.0 GHz	0.17 (0.57)	364.4
	10.0 GHz	0.27 (0.89)	238.2
	20.0 GHz	0.00 (0.00)	0
Corona Extinction Voltage, VRMS @ 60 Hz	3000		
Voltage Withstand, VRMS @ 60 Hz	7500		

ENVIRONMENTAL CHARACTERISTICS

Outer Conductor Integrity Temperature, Deg Celsius	150
Maximum Operating Temperature, Deg Celsius	100

MATERIALS

Outer Conductor	Copper
Dielectric	PTFE
Center Conductor	SPC

CUTAWAY

