



Construction

Item	Material	Diameter	Remarks
Center Conductor	Tinned Plated Copper Wire	0.91 mm (0.0358 inch)	Stranded (19/0.18)
Dielectric	Solid Polyethylene	2.95 mm (0.116 inch)	Solid PE
1 st Outer Conductor	Tin Plated Copper Wire	3.50 mm (0.138 inch)	Braid
Jacket	PVC	4.95 mm (0.195 inch)	Black Color

Electrical & Mechanical Data

Impedance	50 Ω
Operating Frequency	3.0 GHz
Velocity of Propagation	66 %
Capacitance Nom.	101.0 pF/m (30.8 pF/ft)
Working Voltage	1,500 Vrms
Operating Temperature	-40°C ~ 85°C
Minimum Bending Radius	25.0 mm (Static)

Attenuation @ 20°C

Frequency (MHz)	Attenuation	
	(dB/100m)	(dB/100ft)
200 MHz	25.3	7.71
400 MHz	36.5	11.13
900 MHz	53.3	16.25
1800 MHz	76.1	23.20
2000 MHz	80.6	24.57
2500 MHz	96.3	29.35
3000 MHz	117.7	35.87 1.728