Construction

Item	Material	Diameter(Inch/mm)
Inner Conductor	Bare Copper	0.137 0.94
Dielectric	Foam PE	0.110 2.89
First Shield	Bonded Aluminum Foil	0.116 2..95
Second Shield	Tinned Copper Wire Braid	0.149 3..53
Jacket	PVC or PE	0.195 4..95

Electrical Characteristics

Impedance (Ω)	50±3
Capacitance (pF/m)	83..3
Velocity of Propagation (%)	80
Return Loss	≥20
Screening Effectiveness(db)	≥90
DC Resistance (Ω/KM)	
Inner Condctor	24..9
Outer Condctor	16.1
Voltage With Stand	1000.0
Installation Temp(℃)	-40 to +85
Operating Temp(℃)	-40 to +85

Attenuation (@20oC)

Frequency(MHz)	Max Attenuation(dB/100ft)	Max Attenuation(dB/100m)
30	2.0	6.5
50	2.6	8.4
150	4.5	14.6
220	5.4	17.7
450	7.8	25.5
900	11.1	36.5
1500	14.5	47.7
1800	16.0	52.5
2000	16.9	55.4
2500	19.0	62.4
5800	29.9	98.1

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