



Cable Construction

No.	Material	Dimensions
1.Inner Conductor	Bare Copper	$0.94 \pm 0.01\text{mm}$
2.Dielectric	Foam PE	$2.79 \pm 0.08\text{mm}$
3.Outer Conductor	Bonded Dual Al Foil + Tinned Copper	89% Coverage (16*6*0.127*18.8)
4.Jacket	Black PE	$4.95 \pm 0.13\text{mm}$

Mechanical Characteristics

Impedance	$50 \pm 2 \Omega$	Capacitance	27PF/FT
Velocity	75%	Jacket spark (V. RMS)	3000
Min Bend Radius	24.8mm		

Attenuation

Frequency (MHz)	Typical (dB/100m)	Max (dB/100ft)	Frequency (MHz)	Typical (dB/100m)	Max (dB/100ft)
30	2.2	2.4	1500	15.1	16.6
50	2.7	3.0	1800	16.8	18.5
150	4.3	4.7	2000	17.9	19.7
220	5.2	5.7	2500	20.4	22.4
450	7.7	8.5	3000	22.8	25.1
900	11.3	12.4			