



Construction

	Material	Diameter mm
Inner conductor	CU 100%	1.02
Dielectric	Foamed PE	4.57
First Shield	Bonded Aluminum Foil	4.75
Second Shield	75% Aluminum Wire Braid	0.16 / 16 x 6
Third Shield	Aluminum Foil	
Outer Jacket	LSZH	7.06 ± 0.2

Electrical Characteristics

Capacitance (pF/m)	52.0
Impedance (Ω)	75
Velocity of Propagation (%)	85.0
Return Loss 5 – 1000 MHz (dB)	≥20
Return Loss 1000 – 3000 MHz (dB)	≥22
Shielding Effectiveness	>70
Max Operating Voltage (RMS)	5000
Operating Temp Range (°C)	-40 to 85

Attenuation table (tested at 20 °C)

Frequency (MHz)	Max Attenuation (dB/mt)
5	0.028
30	0.037
50	0.044
200	0.085
400	0.123
500	0.138
800	0.177
860	0.184
1000	0.200
1200	0.223
1350	0.234
1750	0.269
2050	0.294
2150	0.302
2400	0.318
2700	0.332
3000	0.349