

LLC-MLD3.5D PVC**Low Loss Microwave Coaxial Cable****Construction**

Item	Material	Diameter	Remark
Center Conductor	SPC	1.20 mm (0.047 inch)	Silver Plated Copper Solid Wire
Dielectric	LD PTFE	3.55 mm (0.140 inch)	Low Density PTFE
Outer Shield	TC Braid & Tin Soaked	4.15 mm (0.163 inch)	100% Coverage
Jacket	PVC	4.80 mm (0.189 inch)	Blue

Electrical & Mechanical Data

Impedance	50 Ω
Frequency Range	18 GHz (Max.)
Velocity of Propagation	75 %
Capacitance	89 pF/m
Operating Temperature	- 55 °C ~ 165 °C
Shield Effectiveness	> -100 dB
Working Voltage	1,500 Vrms (Max.)
Min. Bending Radius	20mm (Single)

Attenuation

Frequency (GHz)	Max. Attenuation	
	(dB/m)	(dB/ft)
1.0	0.36	0.110
3.0	0.67	0.204
5.0	0.90	0.274
10.0	1.36	0.415