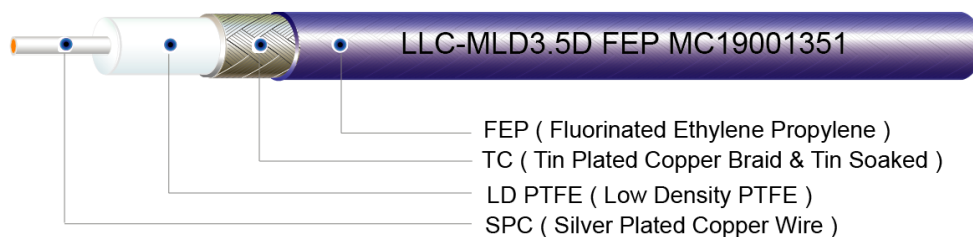


**LLC-MLD3.5D FEP****Low Loss Microwave Coaxial Cable****Construction**

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	FEP	4.70 mm ( 0.185 inch )	Blue

**Electrical & Mechanical Data**

Impedance	50 $\Omega$
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