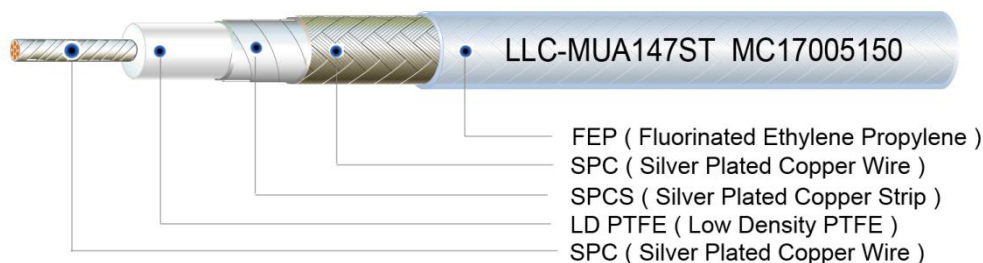


LLC-MUA147ST

Low Loss Microwave Coaxial Cable



Construction

Item	Material	Diameter	Remark
Center Conductor	SPC	0.96 mm (0.0376 inch)	SPC 19 Stranded Wire
Dielectric	LD PTFE	2.69 mm (0.106 inch)	Low Density PTFE
Inner Shield	SPCS	2.85 mm (0.112 inch)	Silver Plated Copper Strip Taping
Outer Shield	SPC	3.28 mm (0.129 inch)	Round Silver Plated Copper Wire Braiding
Jacket	FEP	3.73 mm (0.147 inch)	Transparent Blue

Electrical & Mechanical Data

Impedance	50Ω
Frequency Range	DC-26.5 GHz (Max.)
Velocity of Propagation	80%
Capacitance	26.2pf/ft (86.0pf/m)
Operating Temperature	- 55 °C ~ 165 °C
Shield Effectiveness	> -100 dB
Power Handling Watts	129 (CW) @ 10 GHz
Flexures	100,000
Min. Bending Radius	0.25 inch (6.35mm)

Attenuation

Frequency (GHz)	Max. Attenuation	
	(dB/m)	(dB/ft)
1.0	0.53	0.16
10.0	1.71	0.52
18.0	2.36	0.72