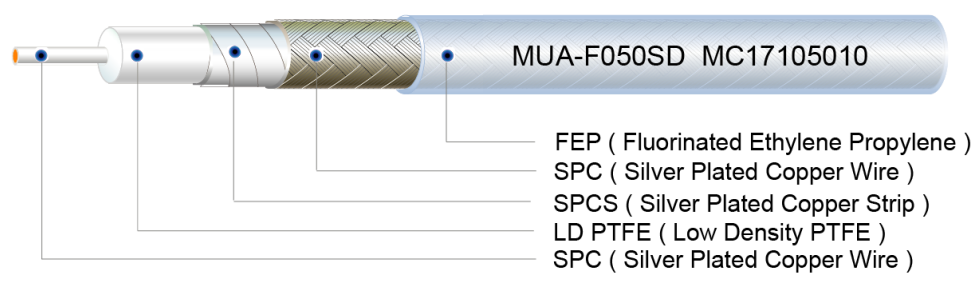


MUA-F050SD

Low Loss Microwave Coaxial Cable



Construction

Item	Material	Diameter	Remark
Center Conductor	SPC	0.73 mm (0.029 inch)	Silver Plated Copper Solid Wire
Dielectric	LD PTFE	2.15 mm (0.085 inch)	Low Density PTFE
Inner Shield	SPCS	2.33 mm (0.092 inch)	Silver Plated Copper Strip Taping
Outer Shield	SPC	2.68 mm (0.106 inch)	Round Silver Plated Copper Wire Braiding
Jacket	FEP	3.18 mm (0.125 inch)	Sky Blue

Electrical & Mechanical Data

Impedance	50Ω
Frequency Range	DC-50.0 GHz
Velocity of Propagation	80 %
Capacitance	26.2pf/ft (86.0pf/m)
Operating Temperature	- 55℃ ~ 165℃
Shield Effectiveness	> -100 dB
Flexures	10,000
Min. Bending Radius	5.08mm (Single)

Attenuation

Frequency (GHz)	Max. Attenuation	
	(dB/m)	(dB/ft)
1.0	0.46	0.14
18.0	2.17	0.66
26.5	2.69	0.82
40.0	3.41	1.04
50.0	3.90	1.19