

Low Loss RA SMA Male to SMA Female Cable LL142 Coax



Electrical Specifications		
Frequency Range	DC-18 GHz	
Characteristic Impedance	50 ohms	
Return Loss	15.46 dB	
VSWR	1.4:1	
Insertion Loss(Max.)	0.4[1.31] dB/ft[dB/m]	
Velocity of Propagation	83%	
RF Shielding	95 dB	
Capacitance	25[82.02] pF/ft[pF/m]	
CABLE		
Cable Type	LL142	
Impedance	50 Ohms	
Inner Conductor Type	Solid	
Inner Conductor Material and Plating	Copper, Silver	
Dielectric Type	PTFE	
Number of Shields	3	
Shield Layer1	Silver Plated Copper Tape	
Shield Layer2	Aluminum Polyester	
Shield Layer3	Silver Plated Copper Wire	
Jacket Material	FEP, Green	
Jacket Diameter	0.195 in [4.95 mm]	
One Time Minimum Bend Radius	1 in [25.4 mm]	
CONNECTORS	CONNECTOR1	CONNECTOR2
Type	SMA Male	SMA Female
Polarity	Standard	Standard
Mount Method		Bulkhead
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Beryllium Copper ,Gold	Beryllium Copper ,Gold
Dielectric Type	PTFE	PTFE
Outer Cond Material & Plating		Passivated Stainless Steel
Coupling Nut Material & Plating	Passivated Stainless Steel	
Body Material & Plating	Passivated Stainless Steel	Passivated Stainless Steel
Hex Size	5/16 Inch	
Torque	8 in-lbs [0.9 Nm]	
Operating Range	-55 to + 125 degree C	