

## Low Loss SMA Male to TNC Female Bulkhead Cable LL142 Coax LF Solder



Electrical Specifications		
Frequency Range	DC-18GHz	
Characteristic Impedance	50 ohms	
VSWR	1.4:1	
Insertion Loss(Typ.)	0.33 [1.08] 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	
Jacket Diameter	0.195 in [4.95 mm]	
Repeated Minimum Bend Radius	0.8 in [20.32 mm]	
CONNECTORS	CONNECTOR1	CONNECTOR2
Type	SMA Male	TNC Female
Polarity	Standard	Standard
Mount Method		Bulkhead
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Beryllium Copper ,Gold	Beryllium Copper ,Gold
Dielectric Type	PTFE	PEI
Outer Cond Material & Plating		Passivated Stainless Steel
Body Material & Plating	Passivated Stainless Steel	Passivated Stainless Steel
Coupling Nut Material & Plating	Passivated Stainless Steel	
Hex Size	5/16 Inch	
Torque	8 in-lbs[0.9 Nm]	
Operating Range	-55to +125degree C	