

# SRFS TELEINFRA



## Low Loss SMA Male to RA TNC Male Cable LL142 Coax with LF Solder



Electrical Specifications		
Frequency Range	DC-18GHz	
Characteristic Impedance	50 ohms	
VSWR	1.5:1	
Return Loss	13.98 dB	
Insertion Loss(Typ.)	0.33 [1.08] dB/ft[ dB/m]	
Velocity of Propagation	83%	
RF Shielding	-90 dB	
Capacitance	25[82.02] pF/ft[pF/m]	
Diameter	1.134 in [28.8 mm]	
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]	
Repeated Minimum Bend Radius	1 in [25.4mm]	
CONNECTORS		
	CONNECTOR1	CONNECTOR2
Type	SMA Male	TNC Male
Polarity	Standard	Standard
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Beryllium Copper ,Gold	Beryllium Copper ,Gold
Dielectric Type	PTFE	PTFE
Body Material & Plating	Passivated Stainless Steel	Passivated Stainless Steel
Coupling Nut Material & Plating	Passivated Stainless Steel	Passivated Stainless Steel
Hex Size	5/16 Inch	9/16 Inch
Torque	8 in-lbs[0.9 Nm]	
Operating Range	-55to +165degree C	