

# SRFS TELEINFRA



## Low Loss RA SMA Male to TNC Male Cable LL142 Coax



Electrical Specifications		
Frequency Range	DC-18 GHz	
Characteristic Impedance	50 ohms	
VSWR	1.45:1	
Return Loss	14.72 dB	
Insertion Loss(Max.)	0.4[1.31] dB/ft[ dB/m]	
Velocity of Propagation	83%	
RF Shielding	95dB	
Capacitance	25[82.02] pF/ft[pF/m]	
Diameter	0.63 in [16mm]	
CABLE		
Cable Type	142LL	
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 [25.4mm]	
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	PEI
Coupling Nut Material & Plating	Passivated Stainless Steel	Passivated Stainless Steel
Body Material & Plating	Passivated Stainless Steel	Passivated Stainless Steel
Torque	8 in-lbs [0.9 Nm]	
Hex Size	5/16 Inch	9/16 Inch
Operating Range	-55 to + 125 degree C	

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