

# SRFS TELEINFRA



## Low Loss SMA Female to SMA Female Cable LL142 Coax with LF Solder



Electrical Specifications		
Frequency Range	DC-18GHz	
Characteristic Impedance	50 ohms	
VSWR	1.35:1	
Return Loss	16.54dB	
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]	
Diameter	0.37 in [9.4mm]	
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	
Shield Layer2	Aluminum Polyester	
Shield Layer3	Silver Plated Copper	
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 Female	N Female
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
Outer Cond Material & Plating	Passivated Stainless Steel	Passivated Stainless Steel
Operating Range	-55to +125degree C	



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