

SRFS TELEINFRA



Low loss RA SMA Male to RA SMA Male Cable LL142 Coax



Electrical Specifications		
Frequency Range	DC-18 GHz	
Characteristic Impedance	50 ohms	
VSWR	1.45:1	
Return Loss	14.72dB	
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]	
Diameter	0.63 in [16 mm]	
CABLE		
Cable Type	142LL	
Impedence	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]	
CONNECTORS	CONNECTOR1	CONNECTOR2
Type	SMA Male	SMA Male
Polarity	Standard	Standard
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Beryllium Copper, Gold	Beryllium Copper ,Gold
Dielectric Type	PTFE	PTFE
Coupling Nut Material & Plating	Passivated Stainless Steel	Passivated Stainless Steel
Coupling Nut Plating Specification	SAE-AMS-2700	SAE-AMS-2701
Torque	8 in-lbs[0.57 Nm]	8 in-lbs[1.58 Nm]
Hex Size	5/16 Inch	5/16 inch
Body Material & Plating	Passivated Stainless Steel	Passivated Stainless Steel
Connection Method	Standard	Standard
Body Plating Spec.	SAE- AMS-2700	SAE- AMS-2701
Operating Range	-55 to + 125 degree C	

Plot no 10 Shiv Vihar A Block Najafgarh Nala Road Vikasnagar Uttam Nagar New Delhi-110059

+91-9027232570, +91-8800726650 info@srfsteleinfra.in info@srfsteleinfra.com
www.srfsteleinfra.in