

Low loss SMA Male to RA N Male Cable Using Coax CABLE



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	
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]	
CONNECTORS	CONNECTOR1	CONNECTOR2
Type	SMA Male	N Male RA
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	

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SRFS Teleinfra | All specifications are subject to change.
SRFS reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal.
It may be necessary to make modifications to the part and/or the documentation of the part to implement improvements.
See www.srfsteleinfra.in for the most current information. Revised: 19 Jan 2023

