

# SRFS TELEINFRA

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Low Loss RA SMA Male to SMA FEMALE BULKHEAD Cable LL160 Coax



Electrical Specifications		
Frequency Range	DC-18 GHz	
Characteristic Impedance	50 ohms	
VSWR	1.33:1	
Insertion Loss(Typ.)	0.46[1.51] dB/ft[ dB/m]	
Velocity of Propagation	82.5%	
RF Shielding	-90 dB	
Capacitance	25[82.02] pF/ft[pF/m]	
CABLE		
Cable Type	LL160	
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 Wire	
Jacket Material	FEP	
Jacket Diameter	0.16 in [4.06 mm]	
Repeated Minimum Bend Radius	0.8 in [20.32 mm]	
CONNECTORS	CONNECTOR1	CONNECTOR2
Type	SMA Male	SMA Female
Mount Method		Bulkhead
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Dielectric Type	PTFE	PTFE
Outer Cond Material & Plating		Passivated Stainless Steel
Coupling Nut Material & Plating	Passivated Stainless Steel	
Body Material & Plating	Passivated Stainless Steel	Passivated Stainless Steel
Operating Range	-55 to + 165 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

