

SRFS TELEINFRA

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Low Loss SMA Male to TNC Male Cable LL160 Coax



Electrical Specifications		
Frequency Range	DC-18GHz	
Characteristic Impedance	50 ohms	
VSWR	1.35:1	
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 Tape	
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 [20.32mm]	
CONNECTORS		
	CONNECTOR1	CONNECTOR2
Type	SMA Male	TNC Male
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Dielectric Type	PTFE	PEI
Body Material & Plating	Passivated Stainless Steel	Passivated Stainless Steel
Coupling Nut Material & Plating	Passivated Stainless Steel	Passivated Stainless Steel
Operating Range	-55to +165degree 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

