

SRFS TELEINFRA

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Low Loss RA SMA Male to SMA Female Bulkhead Cable LMR-100 Coax



Electrical Specifications		
Frequency Range	DC-3 GHz	
Characteristic Impedance	50 ohms	
VSWR	1.4:1	
Insertion Loss(Max.)	0.35[1.15] dB/ft[dB/m]	
Velocity of Propagation	66%	
RF Shielding	90 dB	
Capacitance	30.8[101.05] pF/ft[pF/m]	
Inductance	0.077[0.25] uH/ft[uH/m]	
DC Resistance Inner Conductor	81[265.75] Ohm/1000ft [Ohm/Km]	
DC Resistance Outer Conductor	9.5[31.17] Ohm/1000ft [Ohm/Km]	
CABLE		
Cable Type	LMR-100A	
Impedance	50 Ohms	
Inner Conductor Type	Solid	
Inner Conductor Material and Plating	Copper Clad Steel	
Dielectric Type	PE	
Number of Shields	2	
Shield Layer1	Aluminum Tape	
Shield Layer2	Tinned Copper Braid	
Jacket Material	PVC, Black	
Jacket Diameter	0.11 in [2.79 mm]	
Repeated Minimum Bend Radius	1 in [25.4 mm]	
Tensile Strength	15 lbs[6.8 Kg]	
CONNECTORS		
	CONNECTOR1	CONNECTOR2
Type	SMA Male	SMA Female
Mount Method		Bulkhead
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Brass, Gold	Beryllium Copper ,Gold
Dielectric Type	PTFE	PTFE
Outer Cond Material & Plating	-	Brass, Gold
Coupling Nut Material & Plating	Brass, Nickel	-
Body Material & Plating	Passivated Stainless Steel	Passivated Stainless Steel
Operating Range	-20 to + 80 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

