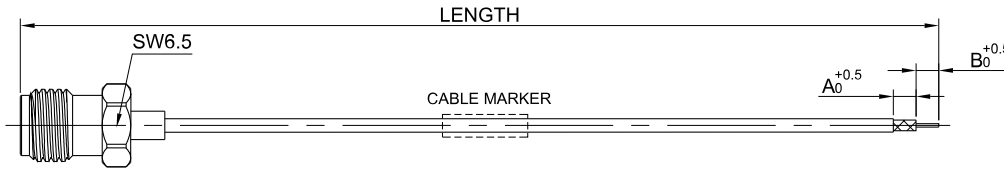


P/N: FR700-SMF000-XXX

SMA Female to Trimmed Lead Cable Assembly | .047" Semi-Rigid Coax Cable | DC - 18GHz



SMA FEMALE

Dimensions are in mm



Connectors Configuration

	Connector 1	Connector 2
Connector Series	SMA	
Connector Polarity	Standard	
Connector Gender	Female	
Connector Impedance (Ohm)	50	50
Connector Body Style	Straight	Straight
Connector Body Material	Brass	
Connector Body Plating	Gold	

Cable Configuration

Cable Type	GUT-047
Cable Impedance (Ohm)	50
Inner Conductor Material	Silver plated copperweld
Dielectric Material	Solid PTFE
Jacket Material	Tin Plated Copper
Cable Diameter (mm)	1.19
Cable Color	Sliver
Minimum Bend Radius (mm)	7.63mm
Capacitance (pF/m)	95
Velocity of Propagation	70%
Shielding Effectiveness	<-100dB @ 1GHz

Electrical Data

Electrical Specifications for Different Length		
Length (mm)	Length Tolerance (mm)	Frequency
100	±3	DC - 18GHz
150	±3	
200	±3	
250	±3	
300	±5	
400	±5	
500	±5	
800	±10	
1000	±10	

Environmental Specifications

RoHS Compliant

Yes

Operating Temperature Range

-55 °C to +165 °C

MIL/STD

N/A

Revision History

Version	Description	Prepared By	Approved By	Date
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