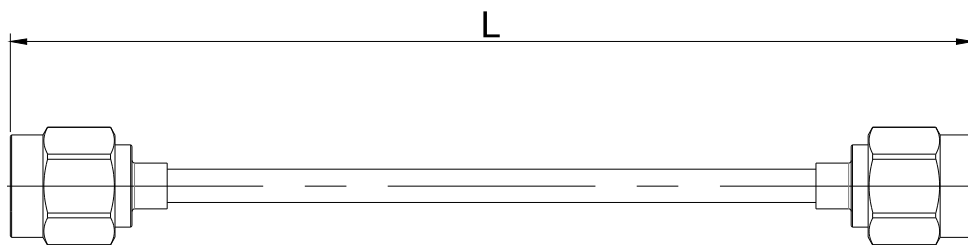


SMA Male to SMA Male Cable Assembly | .086" Semi-Flexible Coax P/N: GA711-SMMSMM-XXX
Cable Without FEP Jacket | DC - 26.5GHz



SMA MAI F

SMA MAI F

Connectors Configuration

	Connector 1	Connector 2
Connector Series	SMA	SMA
Connector Polarity	Standard	Standard
Connector Gender	Male	Male
Connector Impedance (Ohm)	50	50
Connector Mount Method		None
Connector Body Style	Straight	Straight
Connector Body Material	Stainless Steel	Stainless Steel
Connector Body Plating	Passivated	Passivated

Cable Configuration

Cable Type	.086" Semi-Flexible cable
Cable Impedance (Ohm)	50
Inner Conductor Material	Silver Plated Copper Covered Steel (SCCS)
Dielectric Material	PTFE
Number of Shields	1
Shield Layer 1 Material	Tin-soaked, Tin Plated Copper (T)
Cable Diameter (mm)	2.2
Cable Color	Silver
Minimum Bend Radius (mm)	6
Capacitance (pF/m)	94
Velocity of Propagation	71%
Shielding Effectiveness	> 110dB @ 1GHz

SMA Male to SMA Male Cable Assembly | .086" Semi-Flexible Coax P/N: GA711-SMMSMM-XXX
Cable Without FEP Jacket | DC - 26.5GHz

Electrical Data

Electrical Specifications for Different Length				
Length (mm)	Length Tolerance (mm)	Frequency	VSWR / Return Loss	Insertion Loss ≤ (dB)
100	±3	DC - 26.5GHz	1.25 to 18GHz	0.83 to 18GHz
150	±3			0.95 to 18GHz
200	±3			1.16 to 18GHz
250	±3			1.35 to 18GHz
300	±5			1.49 to 18GHz
400	±5			1.82 to 18GHz
500	±5			2.15 to 18GHz

Enviromental Specifications

RoHS Compliant

Yes

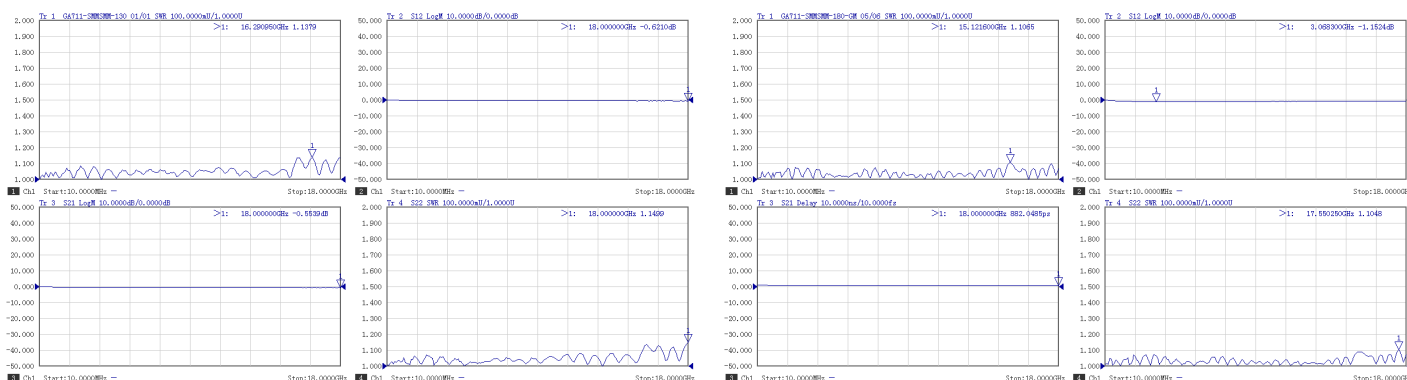
Operating Temperature Range

-40°C to +155°C

MIL/STD

N/A

Test Report for Cable assembly



*Note: Test Cable Assembly Length = 130 mm

*Note: Test Cable Assembly Length = 180 mm