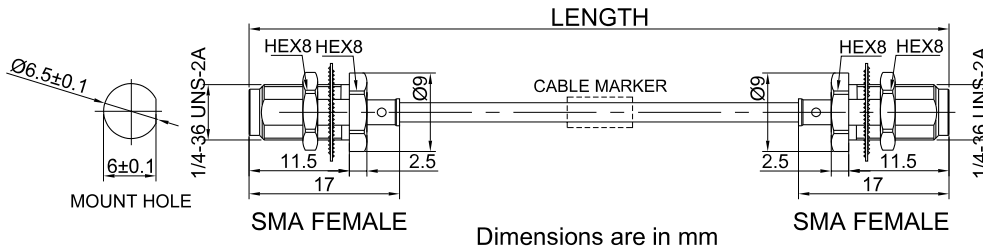


P/N: GA711-SMYFSMYF-XXX

**SMA Female to SMA Female Cable Assembly | .086" Semi-Flexible Coax Cable Without FEP Jacket | DC - 18GHz**

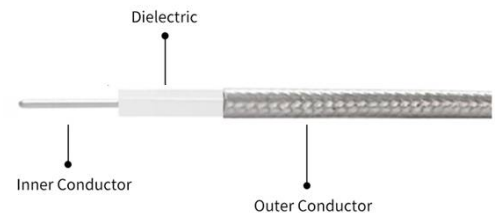


**Connectors Configuration**

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

**Cable Configuration**

Cable Type	.086" Semi-Flexible cable
Cable Impedance (Ohm)	50
Inner Conductor Material	Silver Plated Copper Covered Steel (SCCS)
Dielectric Material	Solid extruded PTFE
Number of Shields	1
Shield Layer 1 Material	Tin Plated Copper
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



P/N: GA711-SMYFSMYF-XXX

SMA Female to SMA Female Cable Assembly | .086" Semi-Flexible Coax Cable Without FEP Jacket | DC - 18GHz

## Electrical Data

Electrical Specifications for Different Length				
Length (mm)	Length Tolerance (mm)	Frequency	VSWR / Return Loss	Insertion Loss ≤ (dB)
100	±3	DC-18GHz	≤ 1.3	0.83
150	±3			0.99
200	±3			1.16
250	±3			1.34
300	±5			1.49
400	±5			1.82
500	±5			2.15

## Environmental Specifications

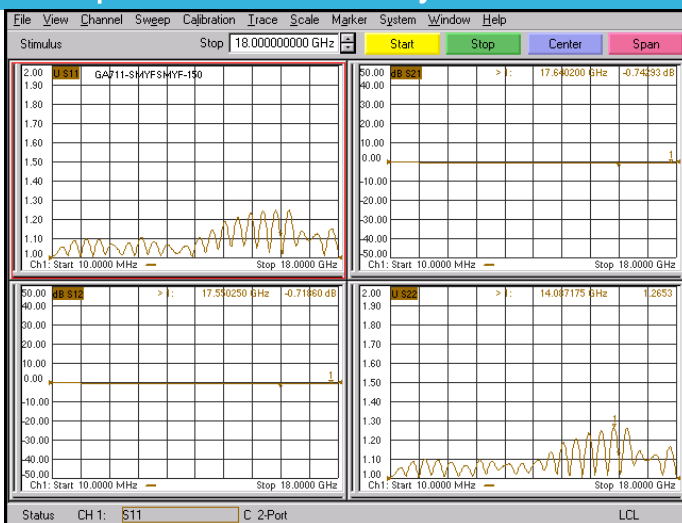
RoHS Compliant

Yes

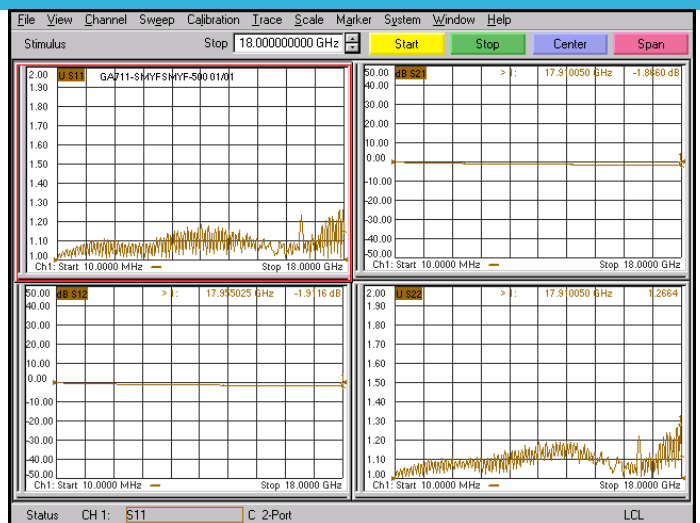
Operating Temperature Range

-40°C to +125°C

## Test Report for Cable assembly



\*Note: Test Cable Assembly Length = 150 mm



\*Note: Test Cable Assembly Length = 500 mm