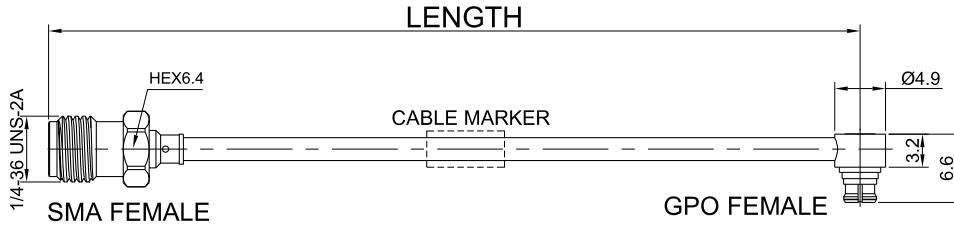


P/N: GA711-SMFGPWF-XXX

**SMA Female to GPO(SMP) Right Angle Female Cable Assembly | .086" Semi-Flexible Coax Cable Without FEP Jacket | DC - 18GHz**



Dimensions are in mm

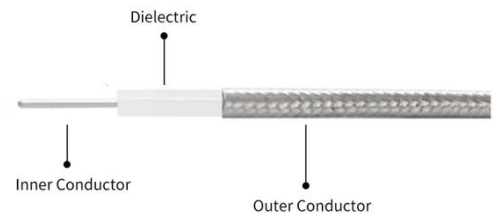


**Connectors Configuration**

	Connector 1	Connector 2
Connector Series	SMA	GPO(SMP)
Connector Polarity	Standard	Standard
Connector Gender	Female	Female
Connector Impedance (Ohm)	50	50
Connector Body Style	Straight	Right Angle
Connector Body Material	Brass	CuBe
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



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**SMA Female to GPO(SMP) Right Angle 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	14dB	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**

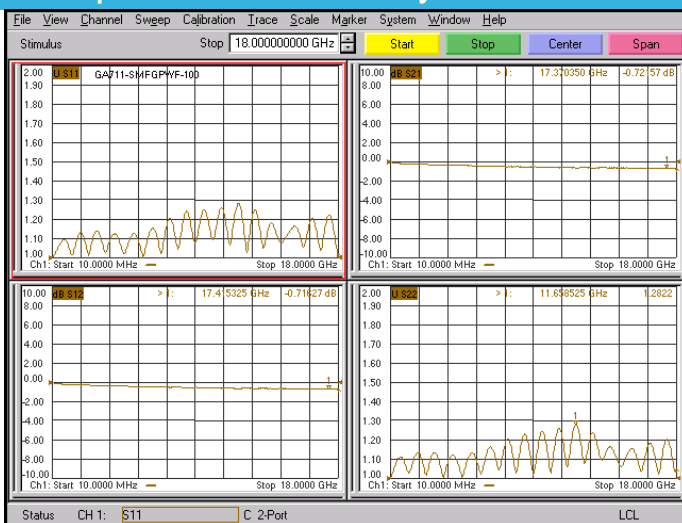
RoHS Compliant

Yes

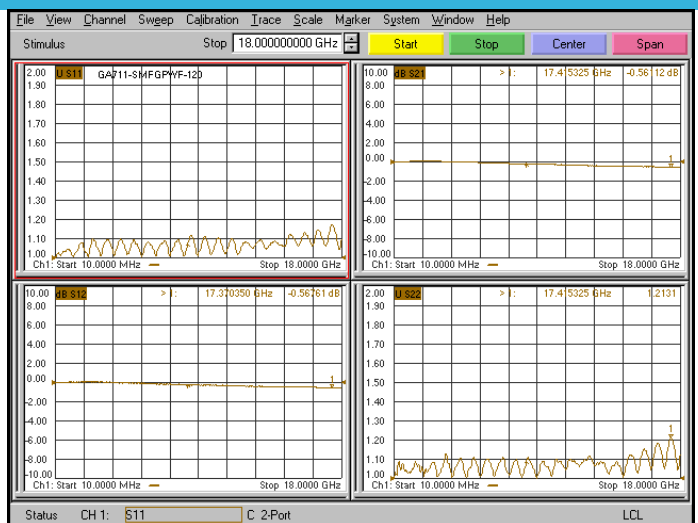
Operating Temperature Range

-40°C to +125°C

**Test Report for Cable assembly**



\*Note: Test Cable Assembly Length = 100 mm



\*Note: Test Cable Assembly Length = 120 mm