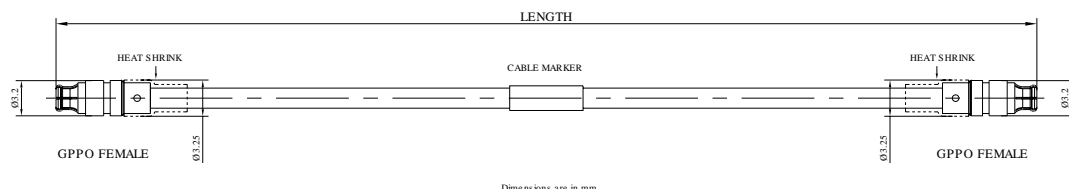


**GPPO(Mini-SMP) Female to GPPO(Mini-SMP) Female Cable Assembly | .086" Semi-Flexible Coax Cable with FEP Jacket | DC - 40GHz**

**P/N: GA712-GPPFGPPF-XXX**

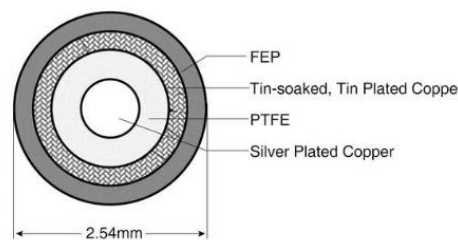


## Connectors Configuration

	Connector 1	Connector 2
Connector Series	GPPO(Mini-SMP)	GPPO(Mini-SMP)
Connector Polarity	Standard	Standard
Connector Gender	Female	Female
Connector Impedance (Ohm)	50	50
Connector Body Style	Straight	Straight
Connector Body Material	Beryllium Copper	Beryllium Copper
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
Jacket Material	FEP
Cable Diameter (mm)	2.54
Cable Color	Blue
Minimum Bend Radius (mm)	6
Capacitance (pF/m)	94
Velocity of Propagation	71%
Shielding Effectiveness	> -110dB @ 1GHz



**GPPO(Mini-SMP) Female to GPPO(Mini-SMP) Female Cable Assembly | 086" Semi-Flexible Coax Cable with FEP Jacket | DC - 40GHz**

P/N: GA712-GPPFGPPF-XXX

Electrical Specifications for Different Length				
Length (mm)	Length Tolerance (mm)	Frequency	VSWR / Return Loss	Insertion Loss ≤ (dB)
100	±3	DC - 40GHz	14dB to 40GHz	1.32dB to 40GHz
150	±3			1.63dB to 40GHz
200	±3			1.94dB to 40GHz
250	±3			2.26dB to 40GHz
300	±5			2.56dB to 40GHz
400	±5			3.2dB to 40GHz
500	±5			3.82dB to 40GHz

## Enviromental Specifications

RoHS Compliant

Yes

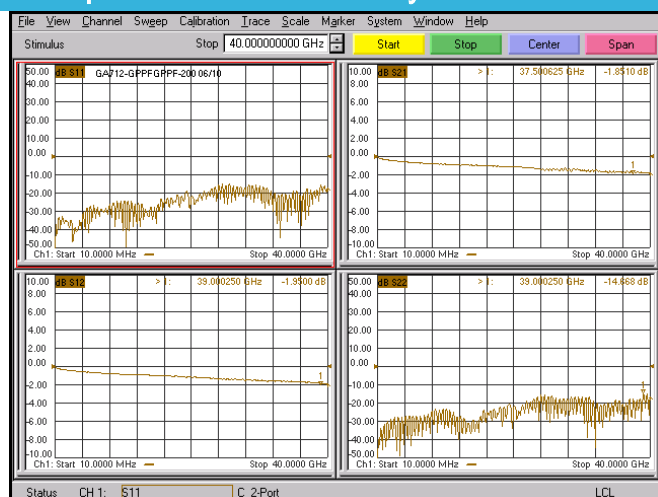
Operating Temperature Range

-40 °C to +80 °C

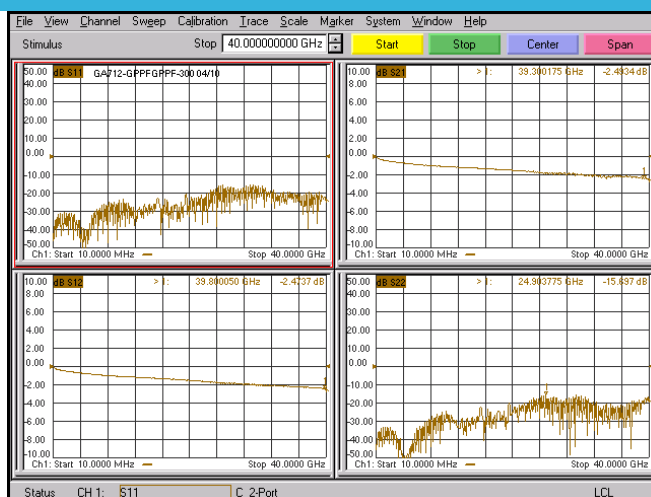
MIL/STD

N/A

## Test Report for Cable assembly



\*Note: Test Cable Assembly Length = 200 mm



\*Note: Test Cable Assembly Length = 300 mm