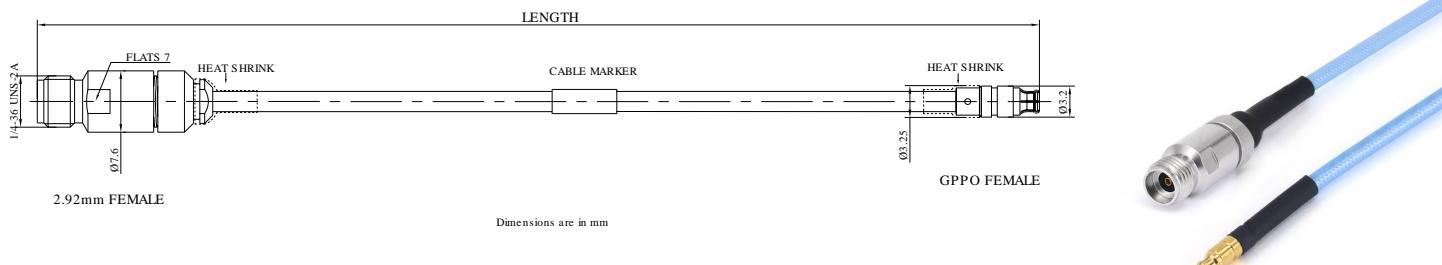


P/N: GA712-292FGPPF-XXX

**2.92mm Female to GPPO(Mini-SMP) Female Cable Assembly | 086" Semi-Flexible Coax Cable with FEP Jacket | DC - 40GHz**

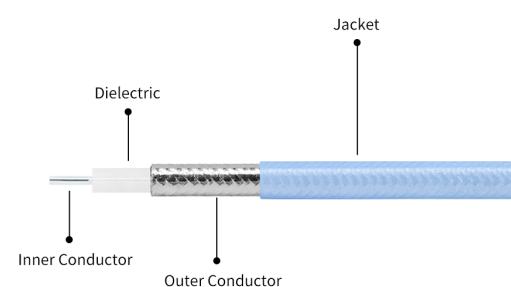


## Connectors Configuration

	Connector 1	Connector 2
Connector Series	2.92mm	GPPO(Mini-SMP)
Connector Polarity	Standard	Standard
Connector Gender	Female	Female
Connector Impedance (Ohm)	50	50
Connector Body Style	Straight	Straight
Connector Body Material	Stainless Steel	Beryllium Copper
Connector Body Plating	Passivated	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
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



P/N: GA712-292FGPPF-XXX

2.92mm Female to GPPO(Mini-SMP) Female Cable Assembly | 086" Semi-Flexible Coax Cable with FEP Jacket | DC - 40GHz

## Electrical Data

### Electrical Specifications for Different Length

Length (mm)	Length Tolerance (mm)	Frequency	VSWR / Return Loss	Insertion Loss $\leq$ (dB)
100	$\pm 3$	DC - 40GHz	14dB to 40GHz	1.32 to 40GHz
150	$\pm 3$			1.63 to 40GHz
200	$\pm 3$			1.94 to 40GHz
250	$\pm 3$			2.25 to 40GHz
300	$\pm 5$			2.56 to 40GHz
400	$\pm 5$			3.21 to 40GHz
500	$\pm 5$			3.82 to 40GHz

## Environmental Specifications

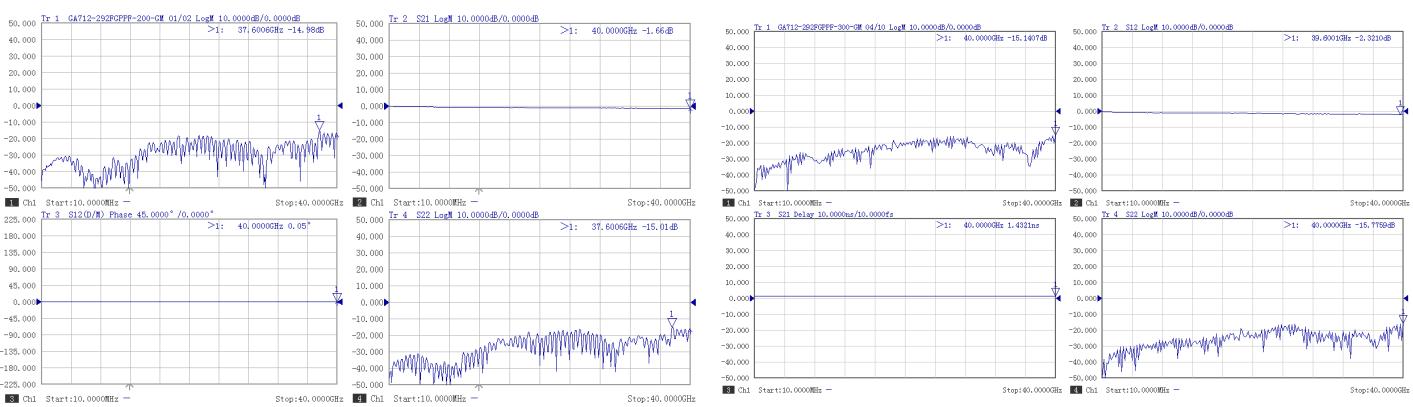
RoHS Compliant

Yes

Operating Temperature Range

-45°C to +125°C

## Test Report for Cable assembly



\*Note: Test Cable Assembly Length = 200 mm

\*Note: Test Cable Assembly Length = 300 mm