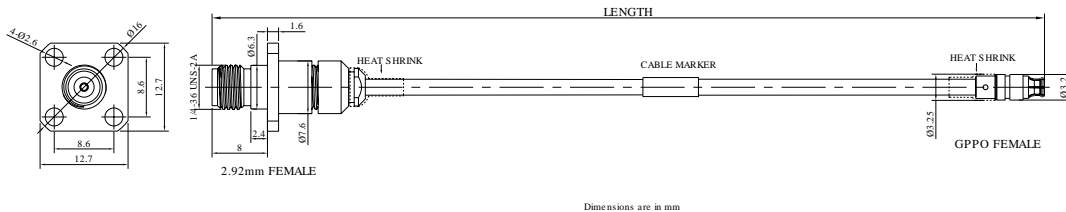


P/N: GA712-292FFGPPF-XXX

2.92mm 4 Hole Flange Female to GPPO(Mini-SMP) Female Cable Assembly | 086" Semi-Flexible Coax Cable with FEP Jacket | DC - 40GHz



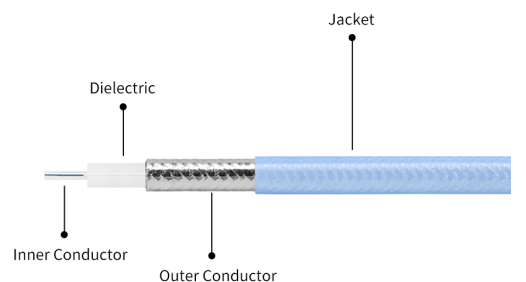
Connectors Configuration

	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 Mount Method	4 Hole Flange	None
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

A cross-sectional diagram of a cable. From left to right, it shows a small inner conductor, a grey dielectric layer, a braided outer conductor, and a blue jacket. Labels with leader lines point to each component: 'Inner Conductor' points to the small wire on the left; 'Dielectric' points to the grey layer; 'Outer Conductor' points to the braided section; and 'Jacket' points to the blue outer sheath.



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Electrical Data

Electrical Specifications for Different Length				
Length (mm)	Length Tolerance (mm)	Frequency	VSWR / Return Loss	Insertion Loss ≤ (dB)
100	±3	DC - 40GHz	14dB to 40GHz	1.32 to 40GHz
150	±3			1.63 to 40GHz
200	±3			1.94 to 40GHz
250	±3			2.25 to 40GHz
300	±5			2.56 to 40GHz
400	±5			3.21 to 40GHz
500	±5			3.82 to 40GHz

Enviromental Specifications

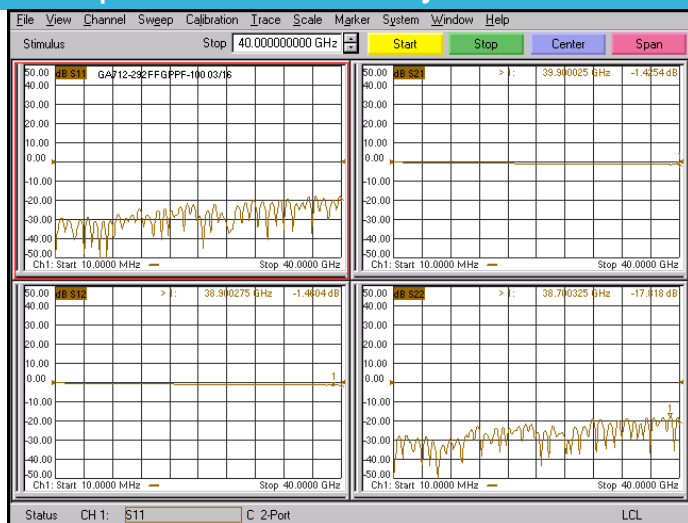
RoHS Compliant

Yes

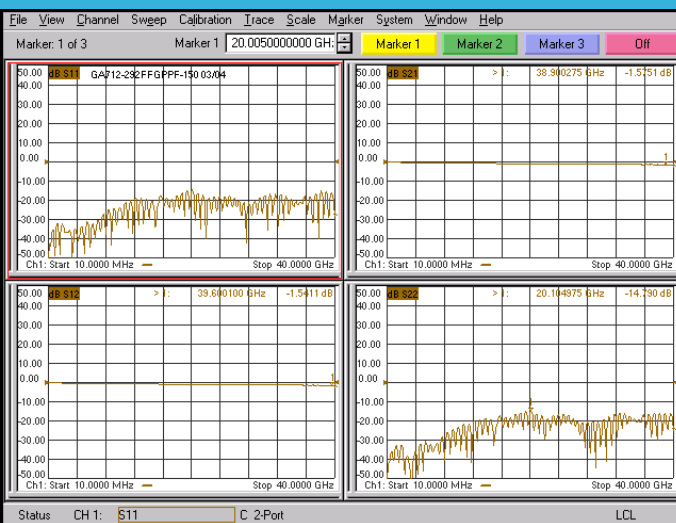
Operating Temperature Range

-45°C to +125°C

Test Report for Cable assembly



*Note: Test Cable Assembly Length = 100 mm



*Note: Test Cable Assembly Length = 150 mm