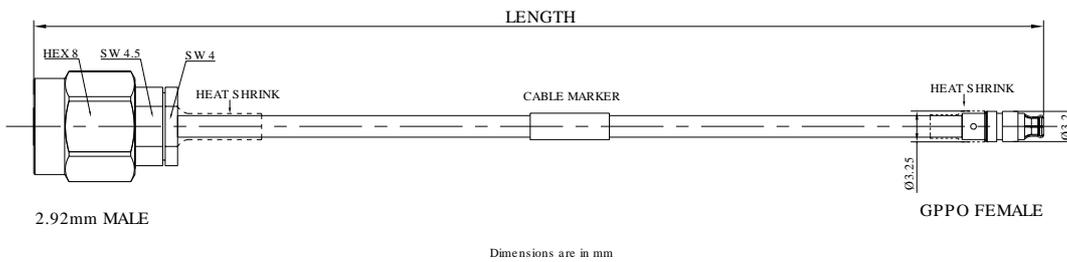


P/N: GAU2-292MGPPF-XXX

**2.92mm Male to GPPO(Mini-SMP) Female Cable Assembly | 3506 Series Low Loss Phase Stable Flexible Coax Cable | DC - 40GHz**

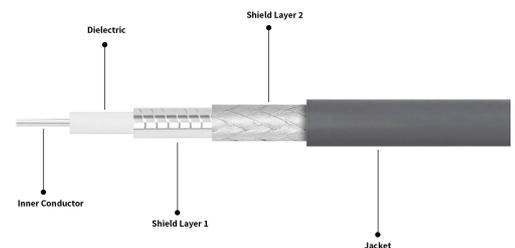


**Connectors Configuration**

	Connector 1	Connector 2
Connector Series	2.92mm	GPPO(Mini-SMP)
Connector Polarity	Standard	Standard
Connector Gender	Male	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	GT3506 flexible cable
Cable Impedance (Ohm)	50
Inner Conductor Material	Silver Plated Copper Wire
Dielectric Material	LD-PTFE
Number of Shields	2
Shield Layer 1 Material	Silver Plated Copper Tape
Shield Layer 2 Material	Silver Plated Copper Braid
Jacket Material	FEP
Cable Diameter (mm)	2.2
Cable Color	Gray
Minimum Bend Radius (mm)	11
Capacitance (pF/m)	94
Velocity of Propagation	82%
Shielding Effectiveness	< -100dB @ 1GHz



P/N: GAU2-292MGPPF-XXX

2.92mm Male to GPPO(Mini-SMP) Female Cable Assembly | 3506 Series Low Loss Phase Stable Flexible Coax Cable | DC - 40GHz

**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	1.12 to 40GHz
200	±3			1.54 to 40GHz
300	±5			2.06 to 40GHz
500	±5			2.98 to 40GHz
800	±10			4.42 to 40GHz
1000	±10			5.32 to 40GHz
1500	±15			7.52 to 40GHz
2000	±20			9.75 to 40GHz

**Environmental Specifications**

RoHS Compliant

Yes

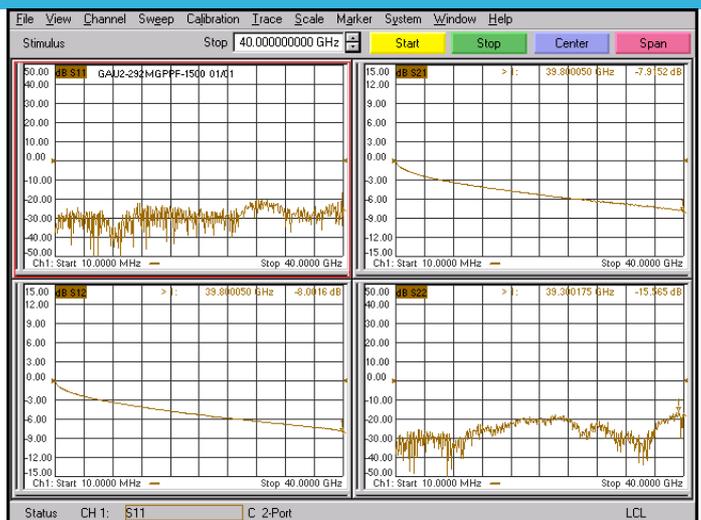
Operating Temperature Range

-55 °C to +125 °C

**Test Report for Cable assembly**



\*Note: Test Cable Assembly Length = 500 mm



\*Note: Test Cable Assembly Length = 1500 mm