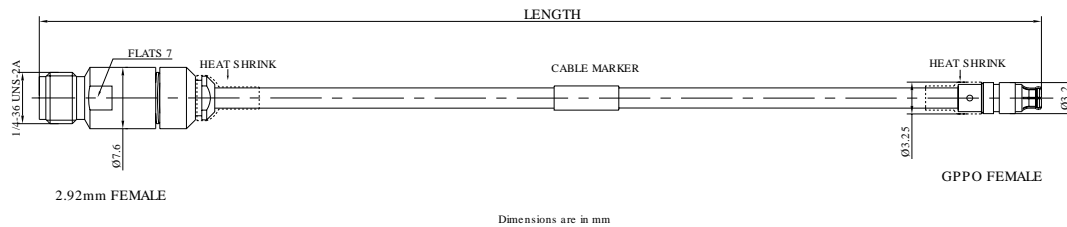


2.92mm Female to GPPO(Mini-SMP) Female Cable Assembly | 086" P/N: GA712-292FGPPF-XXX
Semi-Flexible Coax Cable with FEP Jacket | DC - 40GHz



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 |
| 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 |

2.92mm Female to GPPO(Mini-SMP) Female Cable Assembly | 086" P/N: GA712-292FGPPF-XXX
Semi-Flexible Coax Cable with FEP Jacket | DC - 40GHz

| 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 |

Environmental Specifications

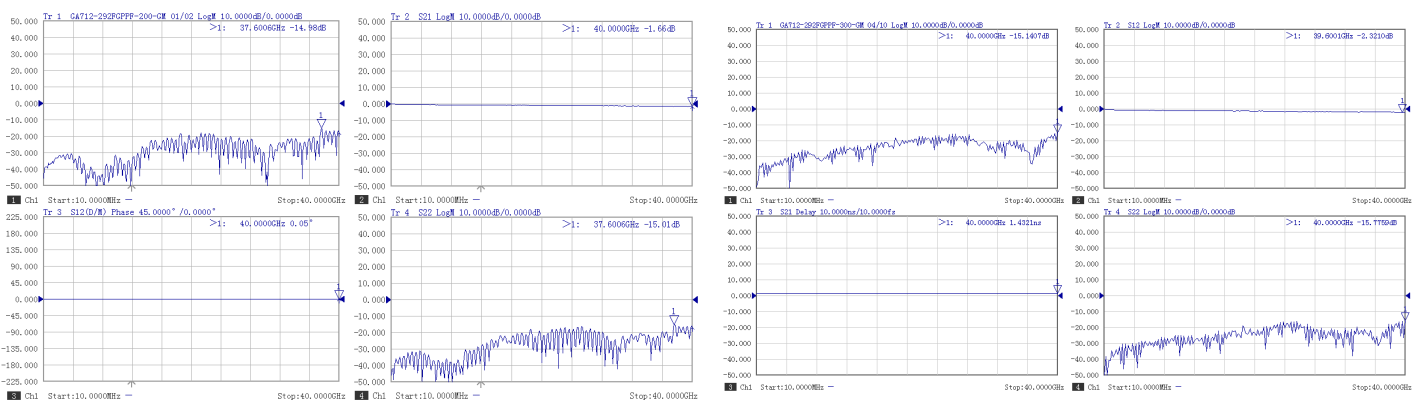
RoHS Compliant

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