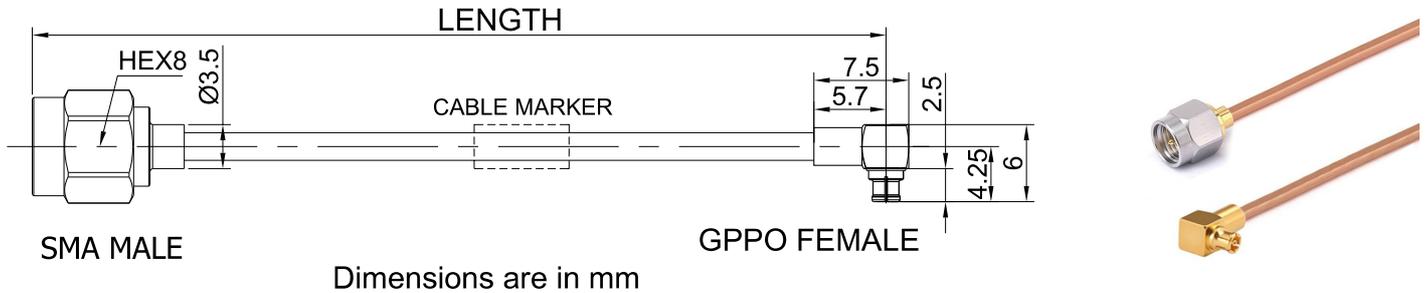


P/N: FR710-SMMGPPWF-XXX

SMA Male to GPO (SMP) Right Angle Female Cable Assembly | .086" Semi-Rigid GUT-085 (Copper) Coax Cable | DC - 18GHz

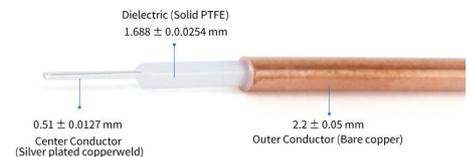


Connectors Configuration

| | Connector 1 | Connector 2 |
|---------------------------|-----------------|----------------|
| Connector Series | SMA | GPPO(Mini-SMP) |
| Connector Polarity | Standard | Standard |
| Connector Gender | Male | Female |
| Connector Impedance (Ohm) | 50.0 | 50.0 |
| Connector Body Style | Straight | Right Angle |
| Connector Body Material | Stainless Steel | CuBe |
| Connector Body Plating | Passivated | Gold |

Cable Configuration

| | |
|--------------------------|---------------------------------|
| Cable Type | .086" Semi-rigid Cable (Copper) |
| Cable Impedance (Ohm) | 50 |
| Inner Conductor Material | Silver plated copperweld |
| Dielectric Material | Solid PTFE |
| Shield Layer 1 Material | Copper |
| Cable Diameter (mm) | 2.2 |
| Cable Color | Cooper |
| Minimum Bend Radius (mm) | 6mm |
| Capacitance (pF/m) | 95 |
| Velocity of Propagation | 70% |
| Shielding Effectiveness | <-120dB @ 1GHz |



P/N: FR710-SMMGPPWF-XXX

SMA Male to GPO (SMP) Right Angle Female Cable Assembly | .086" Semi-Rigid GUT-085 (Copper) Coax Cable | DC - 18GHz

Electrical Data

| Electrical Specifications for Different Length | | | | |
|--|-----------------------|------------|--------------------|-----------------------|
| Length (mm) | Length Tolerance (mm) | Frequency | VSWR / Return Loss | Insertion Loss ≤ (dB) |
| 100 | ±3 | DC - 18GHz | 14dB to 18GHz | 0.83 |
| 150 | ±3 | | | 1.0 |
| 200 | ±3 | | | 1.16 |
| 250 | ±3 | | | 1.33 |
| 300 | ±5 | | | 1.49 |
| 400 | ±5 | | | 1.82 |
| 500 | ±5 | | | 2.15 |

Environmental Specifications

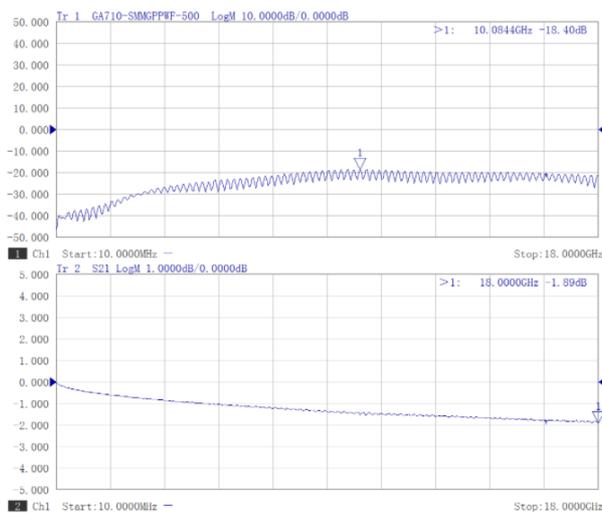
RoHS Compliant

Yes

Operating Temperature Range

-45 °C to +85 °C

Test Report for Cable assembly



*Note: Test Cable Assembly Length = 500 mm