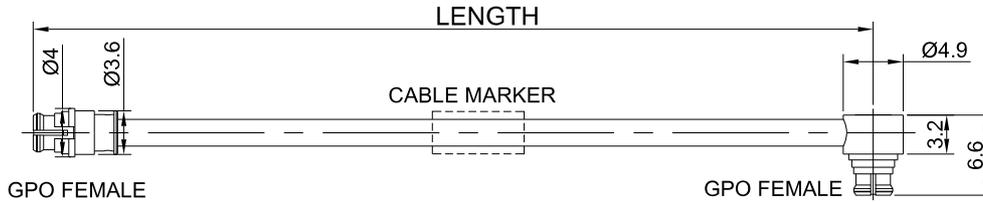


P/N: FR710-GPFGPWF-XXX

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



Dimensions are in mm



Connectors Configuration

| | Connector 1 | Connector 2 |
|---------------------------|-------------|-------------|
| Connector Series | GPO(SMP) | GPO(SMP) |
| Connector Polarity | Standard | Standard |
| Connector Gender | Female | Female |
| Connector Impedance (Ohm) | 50.0 | 50.0 |
| Connector Mount Method | None | None |
| Connector Body Style | Straight | Right Angle |
| Connector Body Material | CuBe | CuBe |
| Connector Body Plating | Gold | 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 |



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GPO (SMP) Female 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 - 18 GHz | 10dB | 0.81 |
| 150 | ±3 | | | 1.12 |
| 200 | ±3 | | | 1.44 |
| 250 | ±3 | | | 2.05 |
| 300 | ±5 | | | |
| 400 | ±5 | | | |
| 500 | ±5 | | | |

Environmental Specifications

| | |
|-----------------------------|------------------|
| RoHS Compliant | Yes |
| Operating Temperature Range | -45 °C to +85 °C |