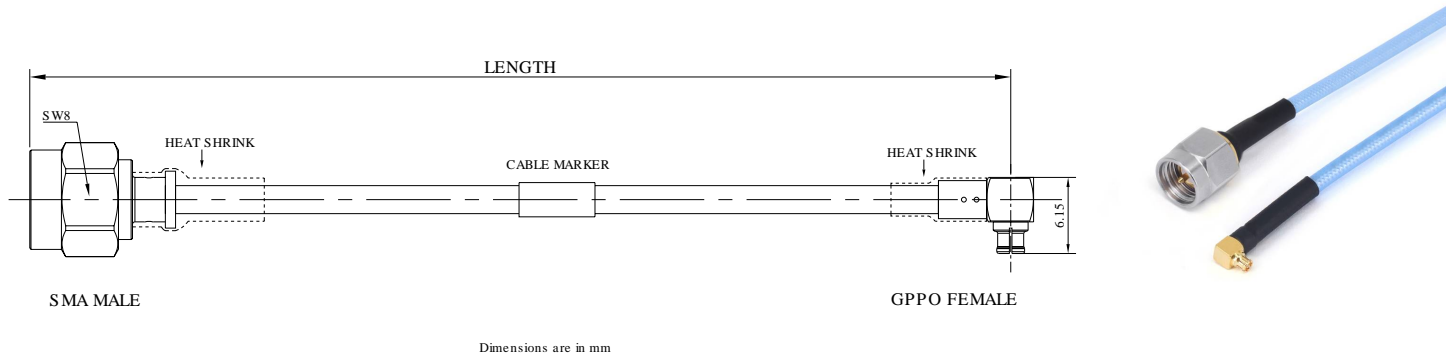


SMA Male to GPPO (Mini-SMP) Female Right Angle Cable Using .086" Semi-flexible Coax with FEP Jacket, DC - 26.5GHz

P/N: FR712-SMMGPPWF-XXX



Product Configuration

| | |
|-----------------------------|-----------------|
| Connector 1 Series | SMA |
| Connector 1 Polarity | Standard |
| Connector 1 Gender | Male |
| Connector 1 Impedance (Ohm) | 50 |
| Connector 1 Mount Method | None |
| Connector 1 Body Style | Straight |
| Connector 2 Series | GPPO(Mini-SMP) |
| Connector 2 Polarity | Standard |
| Connector 2 Gender | Female |
| Connector 2 Impedance (Ohm) | 50 |
| Connector 2 Mount Method | None |
| Connector 2 Body Style | Right Angle |
| Coax Cable | UT-085-Form-FEP |

Mechanical Data

| | |
|---------------------------|------------------|
| Connector 1 Body Material | Stainless Steel |
| Connector 1 Body Plating | Passivated |
| Connector 2 Body Material | Beryllium Copper |
| Connector 2 Body Plating | Gold |
| Out Diameter | 2.54mm |
| Min. Bending Radius | 6mm |
| Mating Cycles, Min | ≥500 |

SMA Male to GPPO (Mini-SMP) Female Right Angle Cable Using .086" Semi-flexible Coax with FEP Jacket, DC - 26.5GHz

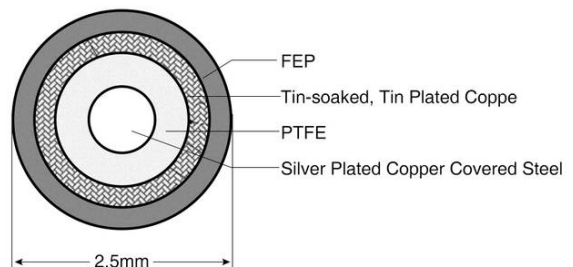
P/N: FR712-SMMGPPWF-XXX

Environmental Specifications

| | |
|-----------------------------|------------------|
| RoHS Compliant | Yes |
| Operating Temperature Range | -40 °C to +80 °C |
| MIL/STD | N/A |

Cable Specifications

| Description | Parameter |
|----------------------------|------------------------------------|
| Center Conductor | Silver Plated Copper Covered Steel |
| Dielectric | PTFE |
| Outer Conductor | Tin-soaked, Tin Plated Coppe |
| Jacket | FEP |
| Jacket Diameter(mm) | 2.5 |
| Capacitance(pF/m) | 94 |
| Velocity of propagation(%) | 71 |
| Min. bending radius(mm) | 6 |
| Shielding Effectiveness | > 100dB @ 1GHz |



Part Number List

| Part Number | Length(mm) | Frequency | Insertion Loss ≤ (dB) | | | | VSWR |
|---------------------|------------|------------|-----------------------|------|-------|-------|-----------------|
| | | | 3GHz | 5GHz | 10GHz | 18GHz | |
| FR712-SMMGPPWF-1000 | 1000±10 | DC-26.5GHz | 1.33 | 1.92 | 2.71 | 3.65 | ≤ 1.35 to 10GHz |
| FR712-SMMGPPWF-500 | 500±5 | DC-26.5GHz | 0.785 | 0.95 | 1.42 | 2.15 | ≤ 1.35 to 10GHz |
| FR712-SMMGPPWF-300 | 300±3 | DC-26.5GHz | 0.53 | 0.65 | 0.96 | 1.49 | ≤ 1.35 to 10GHz |
| FR712-SMMGPPWF-200 | 200±3 | DC-26.5GHz | 0.404 | 0.51 | 0.74 | 1.16 | ≤ 1.35 to 10GHz |
| FR712-SMMGPPWF-100 | 100±3 | DC-26.5GHz | 0.27 | 0.35 | 0.52 | 0.83 | ≤ 1.35 to 10GHz |

Note: Phase Mathching is available by request.