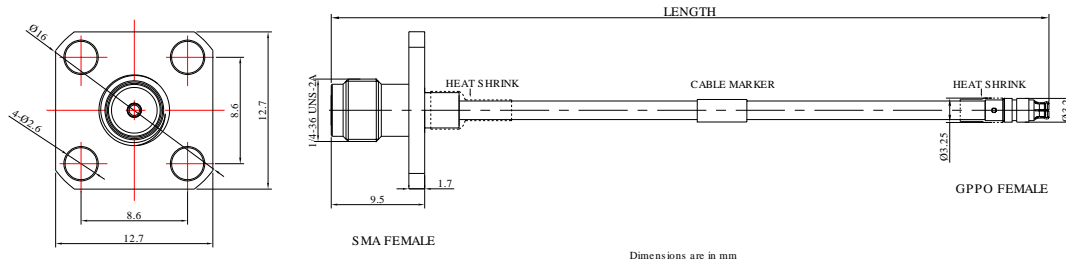


SMA Female with 4 Hole Flange to GPPO (Mini-SMP) Female Cable Using 3506 Series Low Loss Phase Stable Flexible Coax, DC - 26.5GHz

P/N: FRU2-SMFFGPPF-XXX



Product Configuration

| | |
|-----------------------------|----------------|
| Connector 1 Series | SMA |
| Connector 1 Polarity | Standard |
| Connector 1 Gender | Female |
| Connector 1 Impedance (Ohm) | 50 |
| Connector 1 Mount Method | 4 Hole Flange |
| 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 | Straight |
| Coax Cable | 3506 |

Mechanical Data

| | |
|---------------------------|------------------|
| Connector 1 Body Material | Brass |
| Connector 1 Body Plating | Gold |
| Connector 2 Body Material | Beryllium Copper |
| Connector 2 Body Plating | Gold |
| Out Diameter | 2.2mm |
| Min. Bending Radius | 6mm |
| Mating Cycles, Min | ≥500 |

SMA Female with 4 Hole Flange to GPPO (Mini-SMP) Female Cable Using 3506 Series Low Loss Phase Stable Flexible Coax, DC - 26.5GHz

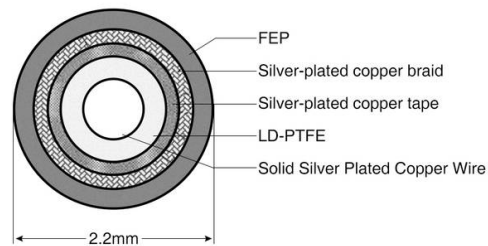
P/N: FRU2-SMFFGPPF-XXX

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 wire |
| Dielectric | LD-PTFE |
| Inner Conductor | Silver-plated copper tape |
| Outer Conductor | Silver-plated copper braid |
| Jacket | FEP |
| Jacket Diameter(mm) | 2.2 |
| Capacitance(pF/m) | 94 |
| Velocity of propagation(%) | 82 |
| Min. bending radius(mm) | 6 |
| Shielding Effectiveness | > 90dB @ 1GHz |



Part Number List

| Part Number | Length(mm) | Frequency | Insertion Loss ≤ (dB) | | | | VSWR |
|--------------------|------------|------------|-----------------------|------|-------|-------|-----------------|
| | | | 3GHz | 5GHz | 10GHz | 18GHz | |
| FRU2-SMFFGPPF-1000 | 1000±10 | DC-26.5GHz | 1.40 | 1.70 | 2.50 | 3.35 | ≤ 1.35 to 18GHz |
| FRU2-SMFFGPPF-800 | 800±5 | DC-26.5GHz | 1.16 | 1.40 | 2.06 | 2.83 | ≤ 1.35 to 18GHz |
| FRU2-SMFFGPPF-700 | 700±5 | DC-26.5GHz | 1.03 | 1.24 | 1.84 | 2.52 | ≤ 1.35 to 18GHz |
| FRU2-SMFFGPPF-500 | 500±5 | DC-26.5GHz | 0.785 | 0.95 | 1.42 | 1.94 | ≤ 1.35 to 18GHz |
| FRU2-SMFFGPPF-300 | 300±3 | DC-26.5GHz | 0.53 | 0.65 | 0.96 | 1.36 | ≤ 1.35 to 18GHz |
| FRU2-SMFFGPPF-260 | 260±3 | DC-26.5GHz | 0.48 | 0.59 | 0.87 | 1.22 | ≤ 1.35 to 18GHz |
| FRU2-SMFFGPPF-200 | 200±3 | DC-26.5GHz | 0.404 | 0.51 | 0.74 | 1.06 | ≤ 1.35 to 18GHz |
| FRU2-SMFFGPPF-100 | 100±3 | DC-26.5GHz | 0.27 | 0.35 | 0.52 | 0.75 | ≤ 1.35 to 18GHz |

Note: Phase Matching is available by request.