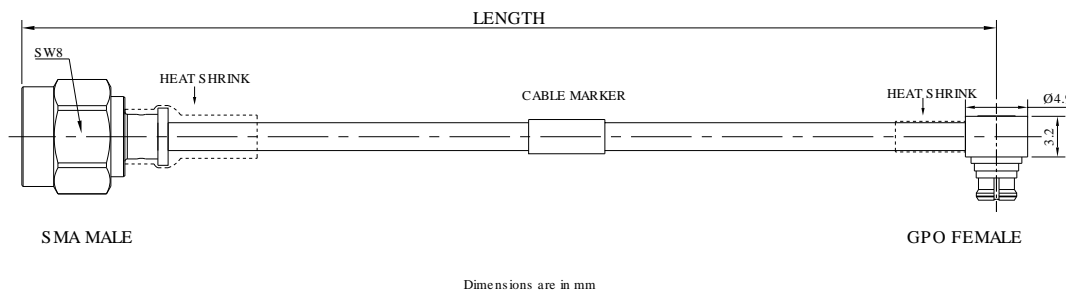


## SMA Male to GPO (SMP) Female Right Angle Cable Using RG-405SS Flexible Coax, DC - 26.5GHz

P/N: FRF71-SMMGPWF-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          | GPO(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                  | RG-405SS    |

### 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       | 6.35mm           |
| Mating Cycles, Min        | ≥500             |

## SMA Male to GPO (SMP) Female Right Angle Cable Using RG-405SS Flexible Coax, DC - 26.5GHz

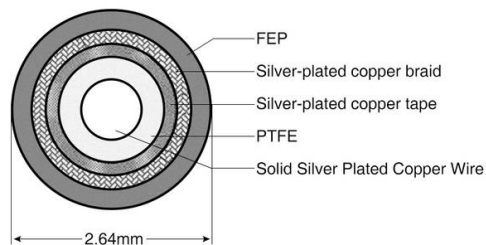
P/N: FRF71-SMMGPWF-XXX

### 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                 | PTFE                       |
| Inner Conductor            | Silver-plated copper tape  |
| Outer Conductor            | Silver-plated copper braid |
| Jacket                     | FEP                        |
| Jacket Diameter(mm)        | 2.64                       |
| Capacitance(pF/m)          | 96.5                       |
| Velocity of propagation(%) | 70                         |
| 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 |                 |
| FRF71-SMMGPWF-10000 | 10000±50   | DC-26.5GHz | 13.2                 | 16.5 | 24.5  | 34.6  | ≤ 15dB to 18GHz |
| FRF71-SMMGPWF-1000  | 1000±10    | DC-26.5GHz | 1.40                 | 1.7  | 2.50  | 3.80  | ≤ 15dB to 18GHz |
| FRF71-SMMGPWF-800   | 800±5      | DC-26.5GHz | 1.16                 | 1.40 | 2.06  | 3.14  | ≤ 15dB to 18GHz |
| FRF71-SMMGPWF-500   | 500±5      | DC-26.5GHz | 0.785                | 0.95 | 1.42  | 2.15  | ≤ 15dB to 18GHz |
| FRF71-SMMGPWF-300   | 300±3      | DC-26.5GHz | 0.53                 | 0.65 | 0.96  | 1.49  | ≤ 15dB to 18GHz |
| FRF71-SMMGPWF-260   | 260±2      | DC-26.5GHz | 0.48                 | 0.59 | 0.87  | 1.35  | ≤ 15dB to 18GHz |
| FRF71-SMMGPWF-200   | 200±3      | DC-26.5GHz | 0.404                | 0.51 | 0.74  | 1.16  | ≤ 15dB to 18GHz |
| FRF71-SMMGPWF-100   | 100±3      | DC-26.5GHz | 0.27                 | 0.35 | 0.52  | 0.83  | ≤ 14dB to 18GHz |

Note: Phase Matching is available by request.