



* Label and Shrinking tube design depend on customer's request.

Configuration

| | |
|---------------------------|----------------------------|
| Connector 1 Type | SMA Male |
| Connector 1 Body Style | Straight |
| Body Material and Plating | Passivated Stainless Steel |
| Connector 1 Mount Method | None |
| Connector 2 Type | SMA Female |
| Connector 2 Body Style | Straight |
| Body Material and Plating | Brass Gold Plated |
| Connector 2 Mount Method | 4 Hole Flange |
| Cable Type | Flexiform 402 NM FJ |

Electrical Specifications

| | |
|-------------------------|-------------------------------------|
| Impedance | 50 Ω |
| Frequency | DC to 26.5 GHz |
| Return Loss/VSWR | 1.35 to 18 GHz |
| Shielding Effectiveness | <-130dB @ 1GHz |
| Phase Matching | On Request |
| Signal Delay | On Request |
| Power Handling | 419Watt @ 1GHz at Sea Level,VSWR1.0 |

Environmental Data

| | |
|-------------------|-----------------|
| Temperature Range | -45°C to +125°C |
| RoHS | Compliant |

Cable Specifications

| | |
|----------------------------|-----------|
| Center Conductor | SPC |
| Dielectric | PTFE |
| Jacket | FEP, Blue |
| Capacitance(pF/m) | 94 |
| Velocity of propagation(%) | 70 |
| Min. bending radius(mm) | 10 |
| Jacket Diameter(mm) | 4.1 |
| Weight(kg/100m) | 4.8 |

Part Number List

| Part Number | Length [mm] | Insertion Loss ≤(dB) | | | |
|--------------------|-------------|----------------------|-------|-------|-------|
| | | 1GHz | 5GHz | 10GHz | 18GHz |
| GA722-SMMSMFF-1000 | 1000±10 | 0.48 | 1.11 | 1.67 | 2.35 |
| GA722-SMMSMFF-800 | 800±10 | 0.41 | 0.93 | 1.39 | 1.96 |
| GA722-SMMSMFF-600 | 600±10 | 0.33 | 0.75 | 1.13 | 1.58 |
| GA722-SMMSMFF-500 | 500±10 | 0.29 | 0.655 | 0.985 | 1.38 |
| GA722-SMMSMFF-400 | 400±10 | 0.255 | 0.56 | 0.86 | 1.19 |
| GA722-SMMSMFF-300 | 300±10 | 0.22 | 0.47 | 0.72 | 0.985 |
| GA722-SMMSMFF-200 | 200±5 | 0.176 | 0.382 | 0.574 | 0.79 |
| GA722-SMMSMFF-100 | 100±5 | 0.138 | 0.291 | 0.437 | 0.59 |

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