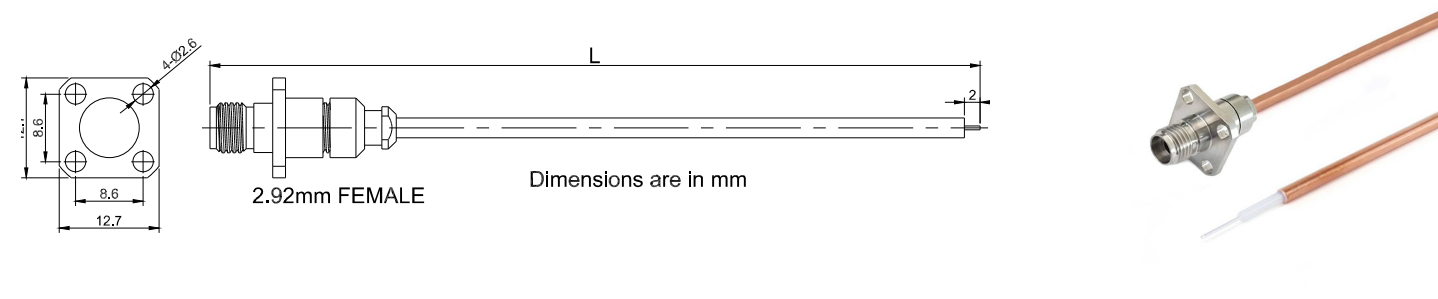


2.92mm 4-Hole Flange Female Connector to Trimmed Lead, 8.6mm P/N: FR710-292FF000-XXX
Hole Spacing, Using .086" Semi-Rigid Coaxial Cable, DC to 40GHz



Connectors Configuration

| | Connector 1 | Connector 2 |
|---------------------------|-----------------|-------------|
| Connector Series | 2.92mm | |
| Connector Polarity | Standard | |
| Connector Gender | Female | |
| Connector Impedance (Ohm) | 50 | 50 |
| Connector Mount Method | 4 Hole Flange | |
| Connector Body Style | Straight | Straight |
| Connector Body Material | Stainless Steel | Brass |
| Connector Body Plating | Passivated | |

Cable Configuration

| | |
|--------------------------|--------------------------|
| Cable Type | GUT-085□Copper□ |
| Cable Impedance (Ohm) | 50 |
| Inner Conductor Material | Silver plated copperweld |
| Dielectric Material | Solid PTFE |
| Jacket Material | Copper |
| Jacket Diameter (mm) | 2.2 |
| Minimum Bend Radius (mm) | 7.53 |
| Capacitance (pF/m) | 95 |
| Velocity of Propagation | 70% |
| Shielding Effectiveness | > -100dB @ 1GHz |

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Electrical Data

| Electrical Specifications for Different Length | | |
|--|-----------------------|-------------|
| Length (mm) | Length Tolerance (mm) | Frequency |
| 100 | ±3 | DC to 40GHz |
| 150 | ±3 | |
| 200 | ±3 | |
| 250 | ±3 | |
| 300 | ±5 | |
| 400 | ±5 | |
| 500 | ±5 | |
| 800 | ±10 | |
| 1000 | ±10 | |

Enviromental Specifications

| | |
|-----------------------------|-------------------|
| RoHS Compliant | Yes |
| Operating Temperature Range | -55 °C to +165 °C |
| MIL/STD | N/A |