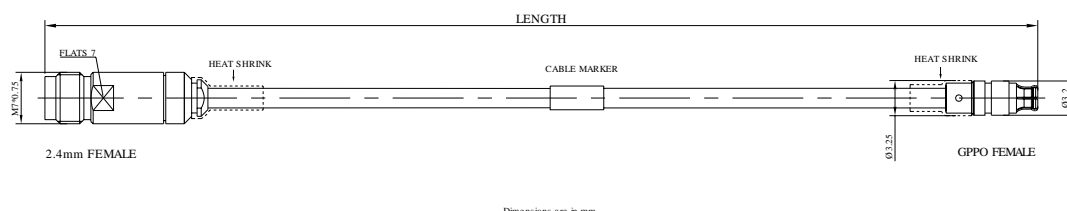


P/N: FR712-24FGPPF-XXX

## 2.4mm Female to GPPO(Mini-SMP) Female Cable Assembly | .086" Semi-Flexible Coax Cable with FEP Jacket | DC - 50GHz

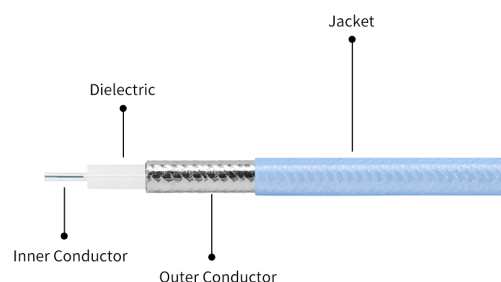


### Connectors Configuration

	Connector 1	Connector 2
Connector Series	2.4mm	GPPO(Mini-SMP)
Connector Polarity	Standard	Standard
Connector Gender	Female	Female
Connector Impedance (Ohm)	50	50
Connector Body Style	Straight	Straight
Connector Body Material	Stainless Steel	Beryllium Copper
Connector Body Plating	Passivated	Gold

### Cable Configuration

Cable Type	.086" Semi-Flexible cable
Cable Impedance (Ohm)	50
Inner Conductor Material	Silver Plated Copper Covered Steel (SCCS)
Dielectric Material	Solid extruded PTFE
Shield Layer 1 Material	Tin Plated Copper
Jacket Material	FEP
Cable Diameter (mm)	2.54
Cable Color	Blue
Minimum Bend Radius (mm)	6
Capacitance (pF/m)	94
Velocity of Propagation	71%
Shielding Effectiveness	< -110dB @ 1GHz



P/N: FR712-24FGPPF-XXX

## 2.4mm Female to GPPO(Mini-SMP) Female Cable Assembly | 086" Semi-Flexible Coax Cable with FEP Jacket | DC - 50GHz

### Electrical Data

Electrical Specifications for Different Length				
Length (mm)	Length Tolerance (mm)	Frequency	VSWR / Return Loss	Insertion Loss ≤ (dB)
100	±3	DC - 50GHz	14dB to 40GHz	1.32 to 40GHz
150	±3			1.63 to 40GHz
200	±3			1.94 to 40GHz
250	±3			2.25 to 40GHz
300	±5			2.56 to 40GHz
400	±5			3.21 to 40GHz
500	±5			3.82 to 40GHz

### Enviromental Specifications

RoHS Compliant	Yes
Operating Temperature Range	-40 °C to +80 °C

### Test Report for Cable assembly

