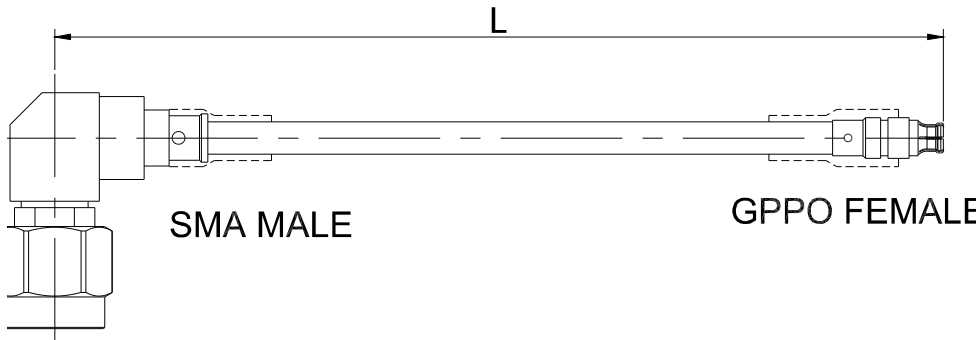


## SMA Male With Right Angle to GPPO Female, Cable Using .086" Semi-flexible Coax with FEP Jacket, DC - 18GHz

P/N: FR712-SMWMGPPF-XXX-

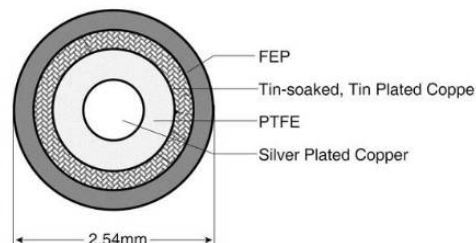


### Connectors Configuration

	Connector 1	Connector 2
Connector Series	SMA	GPPO(Mini-SMP)
Connector Polarity	Standard	Standard
Connector Gender	Male	Female
Connector Impedance (Ohm)	50	50
Connector Mount Method	None	None
Connector Body Style	Right Angle	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
Number of Shields	1
Shield Layer 1 Material	Tin Plated Copper
Jacket Diameter (mm)	2.2mm
Cable Color	Silver
Minimum Bend Radius (mm)	6mm
Capacitance (pF/m)	94
Velocity of Propagation	71%
Shielding Effectiveness	> -110dB @ 1GHz



**SMA Male With Right Angle to GPPO Female, Cable Using .086" Semi-flexible Coax with FEP Jacket, DC - 18GHz**

**P/N: FR712-SMWMGPPF-XXX-**

## Electrical Data

Electrical Specifications for Different Length				
Length (mm)	Length Tolerance (mm)	Frequency	VSWR / Return Loss	Insertion Loss ≤ (dB)
100	±3	DC-18GHz	15dB to 18GHz	0.83 to 18GHz
150	±3			0.95 to 18GHz
200	±3			1.16 to 18GHz
250	±3			1.35 to 18GHz
300	±5			1.49 to 18GHz
400	±5			1.85 to 18GHz
500	±5			2.15 to 18GHz

## Environmental Specifications

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