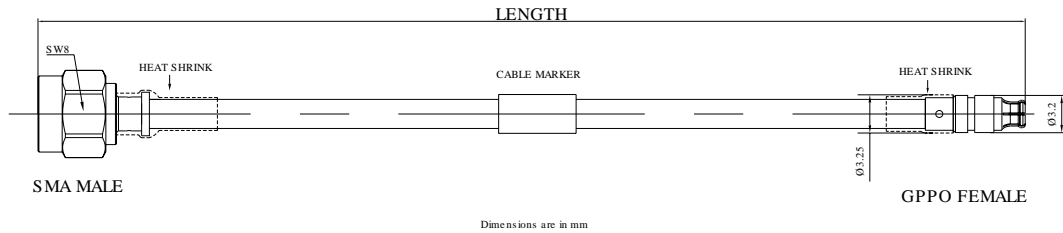


SMA Male to GPPO Female Cable Using .086" Semi-flexible Coax with FEP Jacket, DC-18GHz P/N: FR712-SMMGPPF-XXX

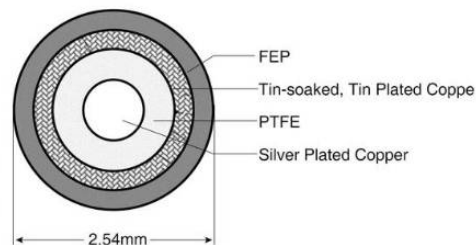


Connectors Configuration

	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	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
Number of Shields	1
Shield Layer 1 Material	Tin Plated Copper
Jacket Material	FEP
Jacket Diameter (mm)	2.54
Cable Color	Blue
Minimum Bend Radius (mm)	6
Capacitance (pF/m)	94
Velocity of Propagation	71%
Shielding Effectiveness	> -110dB @ 1GHz

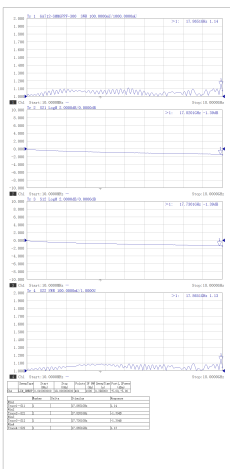


SMA Male to GPPO Female Cable Using .086" Semi-flexible Coax with FEP Jacket, DC-18GHz **P/N: FR712-SMMGPPF-XXX**

Electrical Data

Electrical Specifications for Different Length				
Length (mm)	Length Tolerance (mm)	Frequency	VSWR / Return Loss	Insertion Loss ≤ (dB)
100	±3	DC-26.5GHz	17dB 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

Test Report for Cable assembly



*Note: Test Cable Assembly Length = 300 mm



*Note: Test Cable Assembly Length = 500 mm

Environmental Specifications

RoHS Compliant	Yes
Operating Temperature Range	-40 °C to +80 °C
MIL/STD	N/A