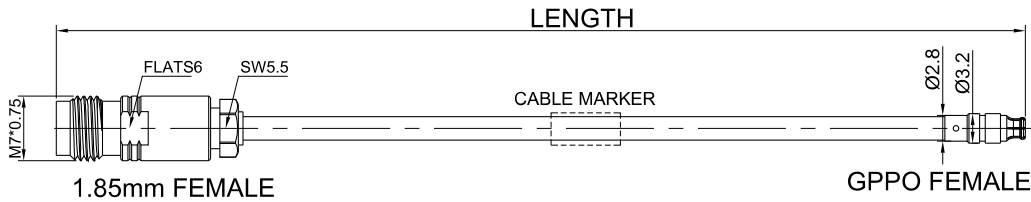


P/N: GA711-185FGPPF-XXX

**1.85mm Female to GPPO(Mini-SMP) Female Cable Assembly | .086" Semi-Flexible Coax Cable without FEP Jacket | DC - 65GHz**



Dimensions are in mm

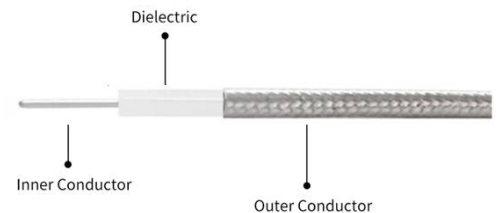


### Connectors Configuration

	Connector 1	Connector 2
Connector Series	1.85mm	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
Number of Shields	1
Shield Layer 1 Material	Tin Plated Copper
Cable Diameter (mm)	2.2
Cable Color	Silver
Minimum Bend Radius (mm)	6
Capacitance (pF/m)	94
Velocity of Propagation	71%
Shielding Effectiveness	< -110dB @ 1GHz



P/N: GA711-185FGPPF-XXX

1.85mm Female to GPPO(Mini-SMP) Female Cable Assembly | 086" Semi-Flexible Coax Cable without FEP Jacket | DC - 65GHz

**Electrical Data**

Electrical Specifications for Different Length				
Length (mm)	Length Tolerance (mm)	Frequency	VSWR / Return Loss	Insertion Loss ≤ (dB)
100	±3	DC - 65GHz	12dB	1.70 to 65GHz
150	±3			2.20 to 65GHz
200	±3			2.70 to 65GHz
250	±3			3.20 to 65GHz
300	±5			3.70 to 65GHz
400	±5			4.70 to 65GHz
500	±5			5.70 to 65GHz

**Environmental Specifications**

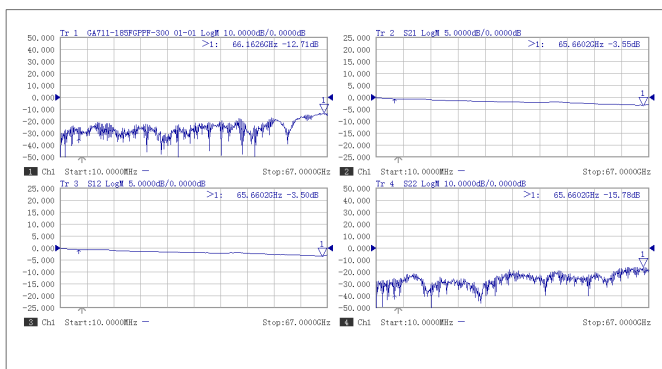
RoHS Compliant

Yes

Operating Temperature Range

-40°C to +125°C

**Test Report for Cable assembly**



\*Note: Test Cable Assembly Length = 300 mm