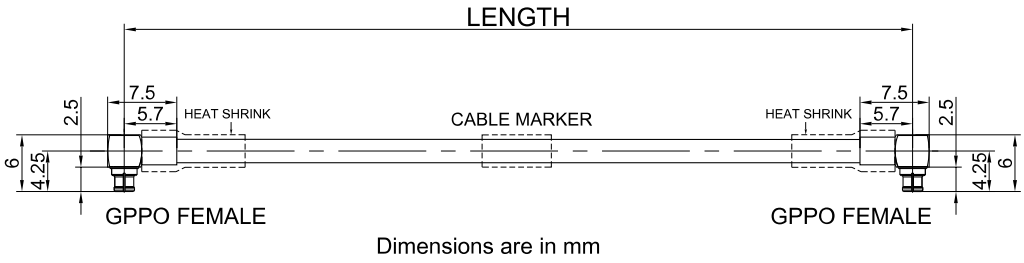
Flexi RF
Reliable RF Components In Stock

Datasheet

P/N: FR712-GPPWFGPPWF-XXX

GPPO(Mini-SMP) Right Angle Female to GPPO(Mini-SMP) Right Angle Female Cable Assembly | 086" Semi-Flexible Coax Cable with FEP Jacket | DC - 40GHz



Dimensions are in mm



Connectors Configuration

	Connector 1	Connector 2
Connector Series	GPPO(Mini-SMP)	GPPO(Mini-SMP)
Connector Polarity	Standard	Standard
Connector Gender	Female	Female
Connector Impedance (Ohm)	50	50
Connector Body Style	Right Angle	Right Angle
Connector Body Material	Beryllium Copper	Beryllium Copper
Connector Body Plating	Gold	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

Flexi RF Inc
(650)880-9199
20195 Stevens Creek Blvd, Suite 220, Cupertino, CA 95014
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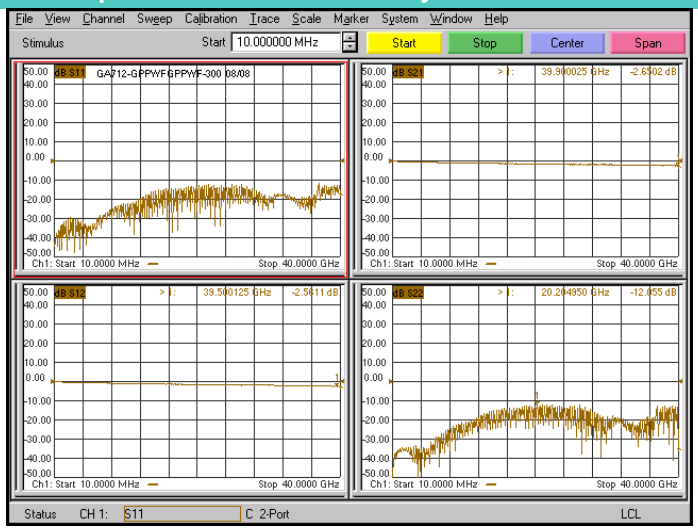
Electrical Data

Electrical Specifications for Different Length				
Length (mm)	Length Tolerance (mm)	Frequency	VSWR / Return Loss	Insertion Loss ≤ (dB)
100	±3	DC - 40GHz	10dB	1.32
200	±3			1.94
300	±3			2.56
500	±5			3.82
1000	±10			6.92

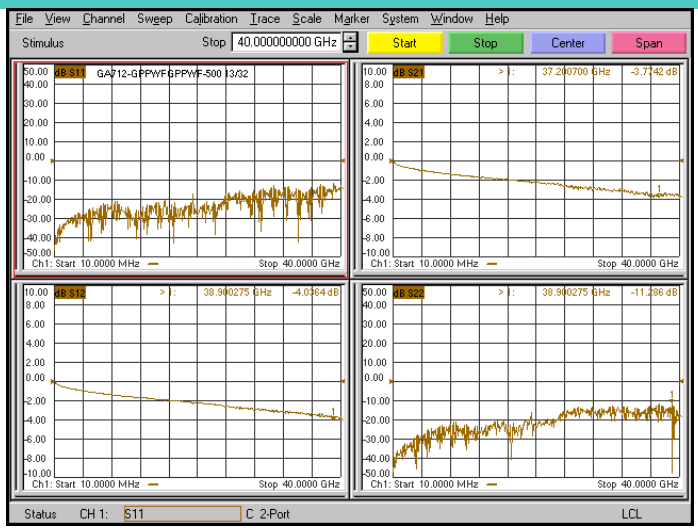
Enviromental Specifications

RoHS Compliant	Yes
Operating Temperature Range	-40°C to +125°C

Test Report for Cable assembly



*Note:Test Cable Assembly Length = 300 mm



*Note:Test Cable Assembly Length = 500 mm

Revision History

Version	Description	Prepared By	Approved By	Date
V1.0	Initial release	Grimm	Hebe	2024-01-01