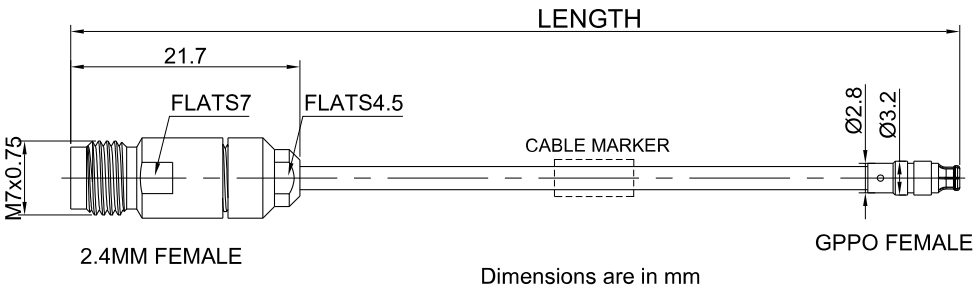
Flexi RF
Reliable RF Components In Stock

Datasheet

P/N: FR711-24FGPPF-XXX

2.4mm 4 Hole Flange Female to GPPO(mini-SMP) Female Cable Assembly | .086" Semi-Flexible Coax Cable Without FEP Jacket | DC - 50GHz



Dimensions are in mm

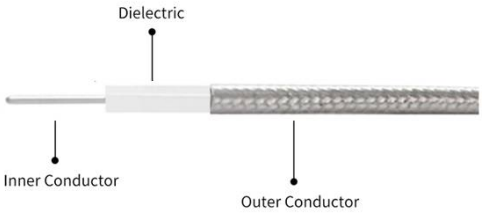


Connectors Configuration

	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	CuBe
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



Flexi RF Inc

(650)880-9199

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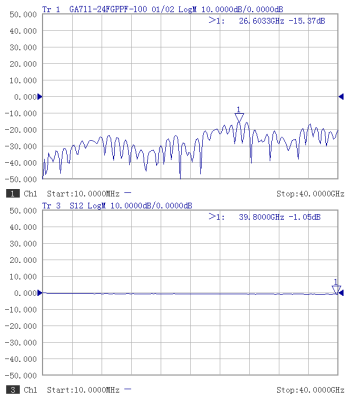
Electrical Data

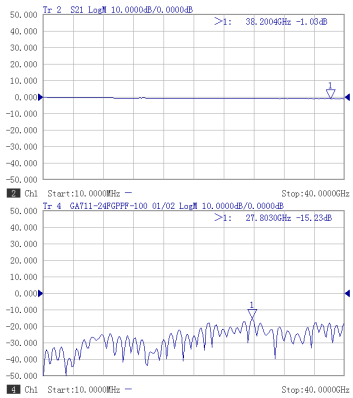
Electrical Specifications for Different Length				
Length (mm)	Length Tolerance (mm)	Frequency	VSWR / Return Loss	Insertion Loss ≤ (dB)
100	±3	DC - 50GHz	14dB	1.32
150	±3			1.63
200	±3			1.94
250	±3			2.25
300	±3			2.56
400	±5			3.21
500	±5			3.82

Enviromental Specifications

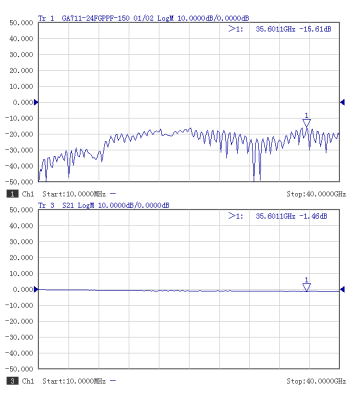
RoHS Compliant	Yes
Operating Temperature Range	-40°C to +125°C

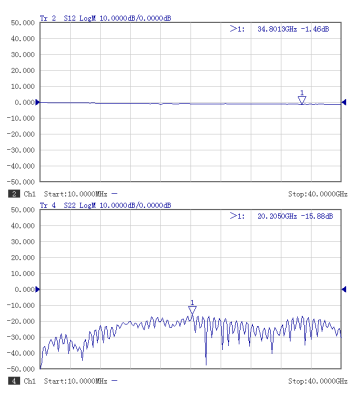
Test Report for Cable assembly





*Note:Test Cable Assembly Length = 100 mm





*Note:Test Cable Assembly Length = 150 mm

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