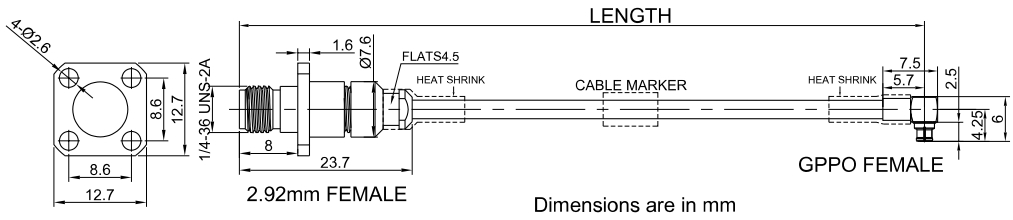
Flexi RF
Reliable RF Components In Stock

Datasheet

P/N: FRF71-292FFGPPWF-XXX

2.92mm 4 Hole Flange Female to GPPO (Mini-SMP) Right Angle Female Cable Assembly | RG-405SS Flexible Coax Cable | DC - 40GHz



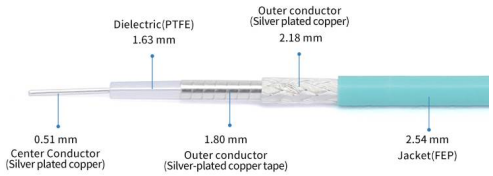


Connectors Configuration

	Connector 1	Connector 2
Connector Series	2.92mm	GPPO(Mini-SMP)
Connector Polarity	Standard	Standard
Connector Gender	Female	Female
Connector Impedance (Ohm)	50.0	50.0
Connector Mount Method	4 Hole Flange	None
Connector Body Style	Straight	Right Angle
Connector Body Material	Stainless Steel	CuBe
Connector Body Plating	Passivated	Gold

Cable Configuration

Cable Type	RG-405SS
Cable Impedance (Ohm)	50
Inner Conductor Material	Silver Plated Copper Wire
Dielectric Material	PTFE
Number of Shields	2
Shield Layer 1 Material	Silver Plated Copper Tape
Shield Layer 2 Material	Silver Plated Copper Braid
Jacket Material	FEP
Cable Diameter (mm)	2.64
Cable Color	Turquoise
Minimum Bend Radius (mm)	6
Capacitance (pF/m)	96.5
Velocity of Propagation	70%
Shielding Effectiveness	< -100dB @ 1GHz



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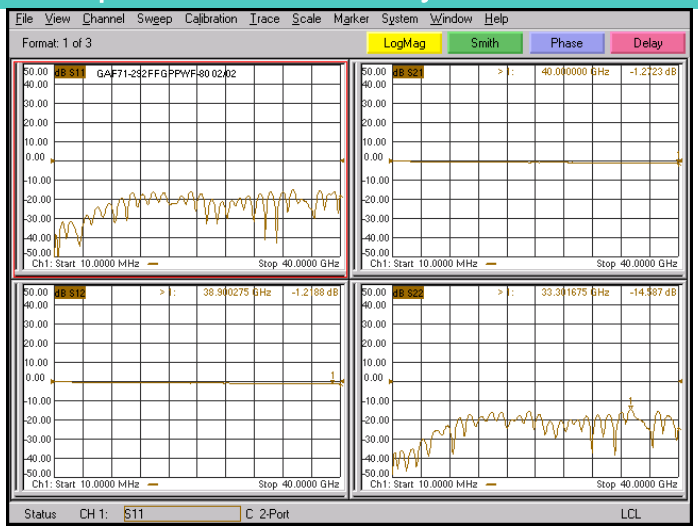
Electrical Data

Electrical Specifications for Different Length				
Length (mm)	Length Tolerance (mm)	Frequency	VSWR / Return Loss	Insertion Loss ≤ (dB)
100	±3	DC - 40GHz	10dB to 40GHz	1.32 to 40GHz
200	±3			1.94 to 40GHz
300	±3			2.56 to 40GHz
500	±5			3.82 to 40GHz
800	±5			5.66 to 40GHz
1000	±10			6.9 to 40GHz

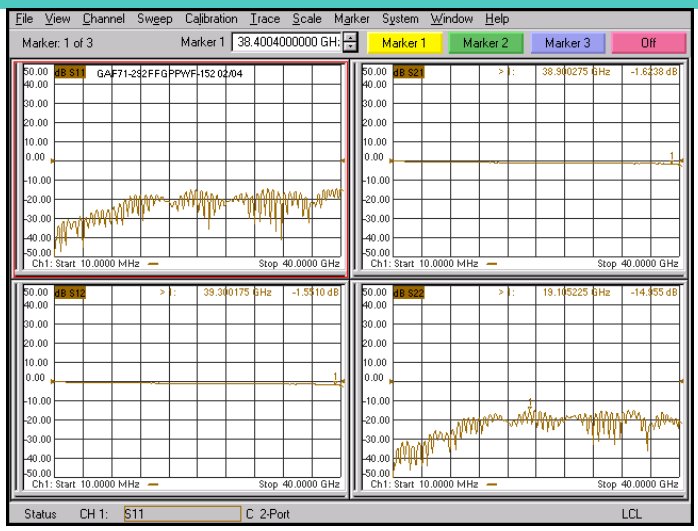
Enviromental Specifications

RoHS Compliant	Yes
Operating Temperature Range	-45°C to +125°C

Test Report for Cable assembly



*Note:Test Cable Assembly Length = 80 mm



*Note:Test Cable Assembly Length = 152 mm

Revision History

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