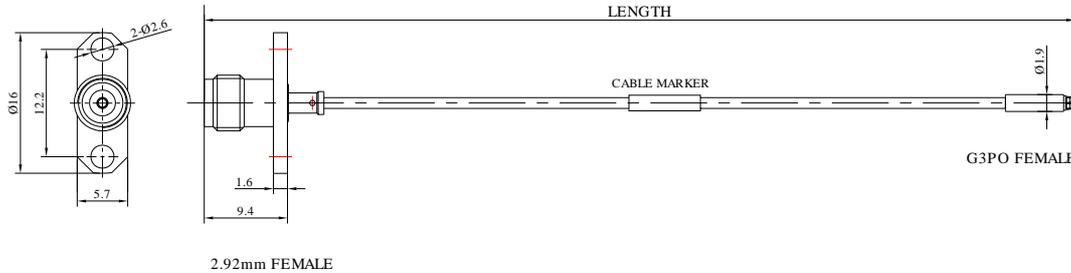


P/N: FR701-292FF1G3PF-XXX

## 2.92mm 2 Hole Flange Female to G3PO(SMPS) Female Cable Assembly | .047" Series Semi-Flexible Coax Cable | DC - 40GHz



### Connectors Configuration

	Connector 1	Connector 2
Connector Series	2.92mm	G3PO(SMPS)
Connector Polarity	Standard	Standard
Connector Gender	Female	Female
Connector Impedance (Ohm)	50	50
Connector Mount Method	2 Hole Flange	None
Connector Body Style	Straight	Straight
Connector Body Material	Stainless Steel	Beryllium Copper
Connector Body Plating	Passivated	Gold

### Cable Configuration

Cable Type	.047" semi-flexible cable
Cable Impedance (Ohm)	50
Inner Conductor Material	Silver plated copperweld
Dielectric Material	Solid PTFE
Number of Shields	1
Shield Layer 1 Material	Tin-soaked copper
Cable Diameter (mm)	1.19
Cable Color	Silver
Minimum Bend Radius (mm)	5
Capacitance (pF/m)	95.1
Velocity of Propagation	70%
Shielding Effectiveness	>90

## Electrical Data

Electrical Specifications for Different Length				
Length (mm)	Length Tolerance (mm)	Frequency	VSWR / Return Loss	Insertion Loss ≤ (dB)
100	±3	DC - 40GHz	1.92	1.62
150	±3			2.03
200	±3			2.44
250	±3			3.00
300	±5			3.56
400	±5			4.69
500	±5			5.82

## Environmental Specifications

RoHS Compliant

Yes

Operating Temperature Range

-40 °C to +80 °C

MIL/STD

N/A

## Revision History

Version	Description	Prepared By	Approved By	Date
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