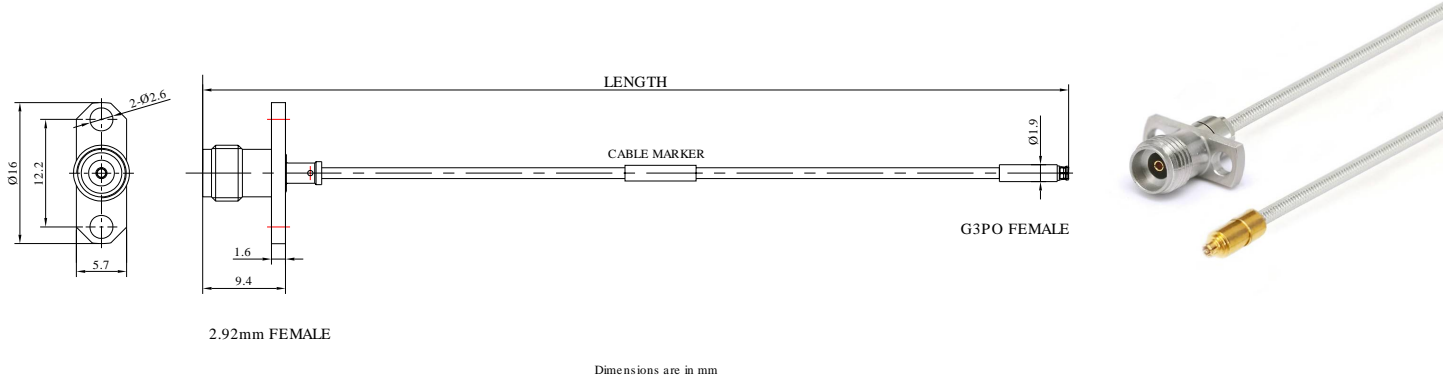


## 2.92mm Female with 2 Hole Flange to G3PO (SMPS) Female Cable Using .047" Series Semi-flexible Coax, DC - 40GHz

P/N: FR701-292FF1G3PF-XXX



### Product Configuration

Connector 1 Series	2.92mm
Connector 1 Polarity	Standard
Connector 1 Gender	Female
Connector 1 Impedance (Ohm)	50
Connector 1 Mount Method	2 Hole Flange
Connector 1 Body Style	Straight
Connector 2 Series	G3PO(SMPS)
Connector 2 Polarity	Standard
Connector 2 Gender	Female
Connector 2 Impedance (Ohm)	50
Connector 2 Mount Method	None
Connector 2 Body Style	Straight
Coax Cable	UT-047-Form

### Mechanical Data

Connector 1 Body Material	Stainless Steel
Connector 1 Body Plating	Passivated
Connector 2 Body Material	Beryllium Copper
Connector 2 Body Plating	Gold
Out Diameter	1.19mm
Min. Bending Radius	7.63mm
Mating Cycles, Min	≥500

## 2.92mm Female with 2 Hole Flange to G3PO (SMPS) Female Cable Using .047" Series Semi-flexible Coax, DC - 40GHz

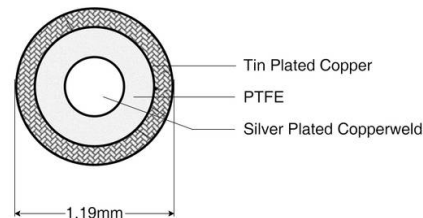
P/N: FR701-292FF1G3PF-XXX

### Environmental Specifications

RoHS Compliant	Yes
Operating Temperature Range	-40 °C to +80 °C
MIL/STD	N/A

### Cable Specifications

Description	Parameter
Center Conductor	Silver Plated Copperweld
Dielectric	PTFE
Jacket	Tin Plated Copper
Jacket Diameter(mm)	1.19±0.05
Capacitance(pF/m)	95.1
Velocity of propagation(%)	70
Min. bending radius(mm)	7.63



### Part Number List

Part Number	Length(mm)	Frequency	Insertion Loss ≤ (dB)				VSWR
			3GHz	10GHz	18GHz	40GHz	
FR701-292FF1G3PF-1000	1000±10	DC-40GHz	1.33	4.03	5.84	9.92	12dB to 40GHz
FR701-292FF1G3PF-500	500±5	DC-40GHz	0.785	2.17	3.12	5.82	12dB to 40GHz
FR701-292FF1G3PF-300	300±3	DC-40GHz	0.53	1.42	2.03	3.56	12dB to 40GHz
FR701-292FF1G3PF-200	200±3	DC-40GHz	0.404	1.05	1.49	2.44	12dB to 40GHz
FR701-292FF1G3PF-100	100±3	DC-40GHz	0.27	0.67	0.94	1.62	12dB to 40GHz

Note: Phase Matching is available by request.