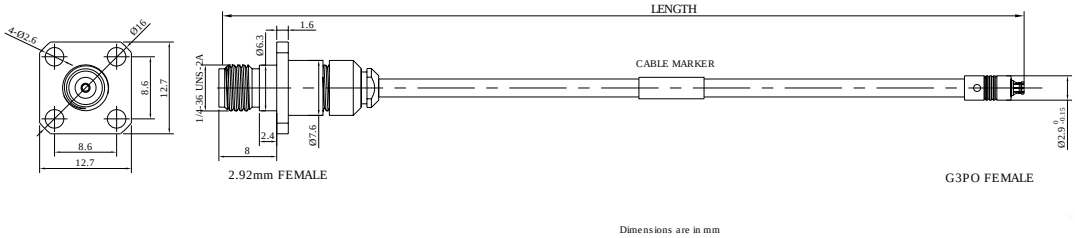
Flexi RF

Reliable RF Components In Stock

Datasheet

P/N: FR710-292FFG3PF-XXX

2.92mm 4 Hole Flange Female to G3PO(SMPS) Female Cable Assembly | .086" Semi-Rigid GUT-085 (Copper) Coax Cable | DC - 40GHz



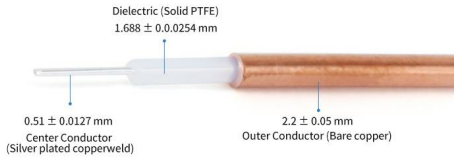


Connectors Configuration

	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	4 Hole Flange	None
Connector Body Style	Straight	Straight
Connector Body Material	Stainless Steel	Beryllium Copper
Connector Body Plating	Passivated	Gold

Cable Configuration

Cable Type	.086" Semi-rigid Cable (Copper)
Cable Impedance (Ohm)	50
Inner Conductor Material	Silver plated copperweld
Dielectric Material	Solid PTFE
Shield Layer 1 Material	Copper
Cable Diameter (mm)	2.2
Cable Color	Cooper
Minimum Bend Radius (mm)	6mm
Capacitance (pF/m)	95
Velocity of Propagation	70%
Shielding Effectiveness	<-120dB @ 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	12dB	1.32
150	±3			1.63
200	±3			1.94
250	±3			2.3
300	±3			2.56
400	±5			3.21
500	±5			3.82
1000	±10			6.92

Enviromental Specifications

RoHS Compliant	Yes
Operating Temperature Range	-45 ºC to +85 ºC

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