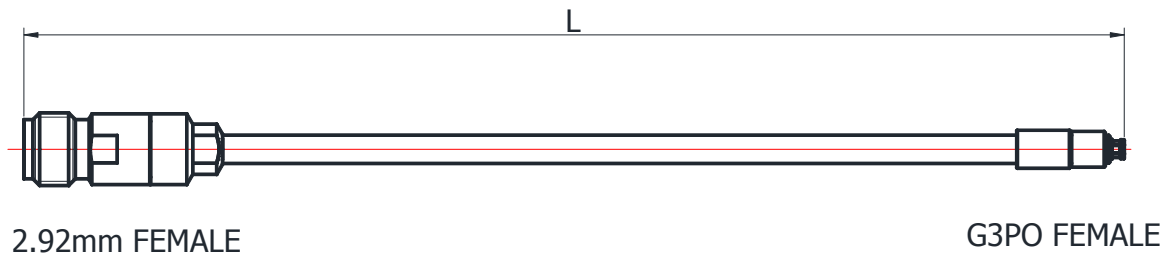


086 SERIES, SEMI-FLEX CABLE,  
2.92MM(FEMALE)- G3PO(SMPS)(FEMALE)

GA712-292FG3PF-XXX



\* Label and Shrinking tube design depend on customer's request.

<b>Configuration</b>	
Connector 1 Type	2.92mm Female
Connector 1 Body Style	Straight
Body Material and Plating	Passivated Staindless Steel
Connector 1 Mount Method	None
Connector 2 Type	G3PO(SMPS) Female
Connector 2 Body Style	Straight
Body Material and Plating	CuBe Gold Plated
Connector 2 Mount Method	None
Cable Type	Flexiform 405 FJ
<b>Electrical Specifications</b>	
Impedance	50 $\Omega$
Frequency	DC to 40 GHz
Return Loss/VSWR	12dB to 40 GHz
Phase Stability vs. Flexure	N/A
Amplitude Stability	N/A
Shielding Effectiveness	<-100dB @ 1GHz
Phase Matching	On request
Signal Delay	On request
Power Handling	110watt @ 2GHz at sea level,VSWR1.0
<b>Environmental Data</b>	
Temperature Range	-40°C to +165°C
RoHS	Compliant

### Cable Specifications

Center Conductor	Silver plated copper covered steel
Dielectric	PTFE
Jacket	FEP, Blue-transparent
Capacitance(pF/m)	94
Velocity of propagation(%)	71
Min. bending radius(mm)	6
Jacket Diameter(mm)	2.5
Weight(kg/100m)	2.2

### Part Number List

Part Number	Length [mm]	Insertion Loss $\leq$ (dB)			
		5GHz	10GHz	20GHz	40GHz
GA712-292FG3PF-1000	1000 $\pm$ 10	1.7	2.5	3.8	6.9
GA712-292FG3PF-800	800 $\pm$ 8	1.4	2.06	3.14	5.66
GA712-292FG3PF-600	600 $\pm$ 6	1.09	1.64	2.48	4.32
GA712-292FG3PF-500	500 $\pm$ 5	0.95	1.42	2.15	3.82
GA712-292FG3PF-300	300 $\pm$ 5	0.65	0.96	1.49	2.56
GA712-292FG3PF-260	260 $\pm$ 5	0.59	0.87	1.35	2.31
GA712-292FG3PF-200	200 $\pm$ 5	0.51	0.74	1.16	1.94
GA712-292FG3PF-100	100 $\pm$ 5	0.35	0.52	0.83	1.32

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