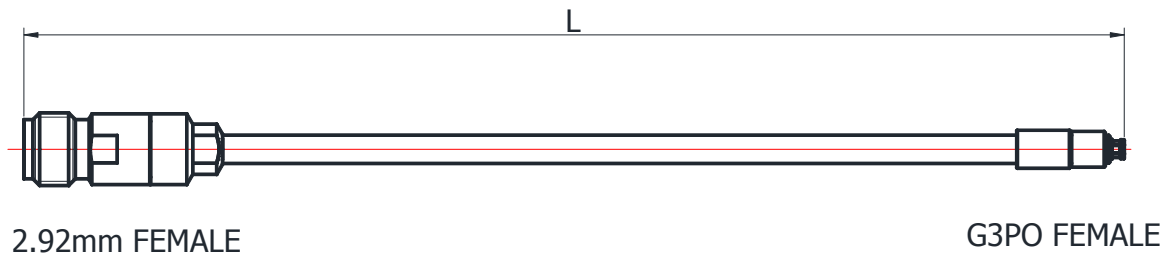


HFE100D, FLEXIBLE CABLE,
2.92MM(FEMALE)- G3PO(SMPS)(FEMALE)**GAF71-292FG3PF-XXX**

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

Configuration	
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	HFE100D
Electrical Specifications	
Impedance	50 Ω
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	89Watt @ 1GHz at Sea Level,VSWR1.0
Environmental Data	
Temperature Range	-40°C to +125°C
RoHS	Compliant

Cable Specifications

Center Conductor	SPCW
Dielectric	Solid PTFE
Jaket	FEP
Capacitance(pF/m)	95.5
Velocity of propagation(%)	71
Min. bending radius(mm)	6.35
Jaket Diameter(mm)	2.54
Weight(kg/100m)	2.13

Part Number List

Part Number	Length [mm]	Insertion Loss \leq (dB)			
		5GHz	10GHz	20GHz	40GHz
GAF71-292FG3PF-1000	1000 \pm 10	1.7	2.5	3.8	6.9
GAF71-292FG3PF-800	800 \pm 8	1.4	2.06	3.14	5.66
GAF71-292FG3PF-600	600 \pm 6	1.09	1.64	2.48	4.32
GAF71-292FG3PF-500	500 \pm 5	0.95	1.42	2.15	3.82
GAF71-292FG3PF-300	300 \pm 5	0.65	0.96	1.49	2.56
GAF71-292FG3PF-260	260 \pm 5	0.59	0.87	1.35	2.31
GAF71-292FG3PF-200	200 \pm 5	0.51	0.74	1.16	1.94
GAF71-292FG3PF-100	100 \pm 5	0.35	0.52	0.83	1.32

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