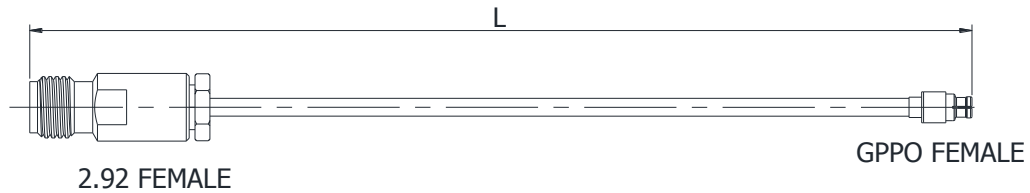


U12 SERIES, FLEXIBLE CABLE,  
2.92MM(FEMALE)-GPPO(MINI-SMP) (FEMALE)

**GAU12-292FGPPF-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	GPPO(Mini-SMP) Female
Connector 2 Body Style	Straight
Body Material and Plating	CuBe Gold Plated
Connector 2 Mount Method	None
Cable Type	U12 Series

### Electrical Specifications

Impedance	50 $\Omega$
Frequency	DC to 40 GHz
Return Loss/VSWR	10dB
Phase Stability vs. Flexure	N/A
Amplitude Stability	N/A
Shielding Effectiveness	<-90dB @ 1GHz
Phase Matching	On request
Signal Delay	On request

### Environmental Data

Temperature Range	-40°C to +125°C
2002/95/EC(RoHS)	Compliant

### Cable Specifications

Center Conductor	Silver plated copper
Dielectric	ePTFE
Jacket	FEP
Velocity of propagation(%)	80
Min. bending radius(mm)	10
Jacket Diameter(mm)	1.85

### Part Number List

Part Number	Length [mm]	Insertion Loss $\leq$ (dB)			
		3GHz	6GHz	18GHz	40GHz
GAU12-292FGPPF-1000	1000 $\pm$ 10	2.159	3.074	5.418	8.237
GAU12-292FGPPF-500	500 $\pm$ 5	1.166	1.660	2.921	4.435
GAU12-292FGPPF-300	300 $\pm$ 5	0.769	1.094	1.923	2.914
GAU12-292FGPPF-200	200 $\pm$ 5	0.571	0.811	1.443	2.154
GAU12-292FGPPF-100	100 $\pm$ 5	0.372	0.528	0.924	1.393

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