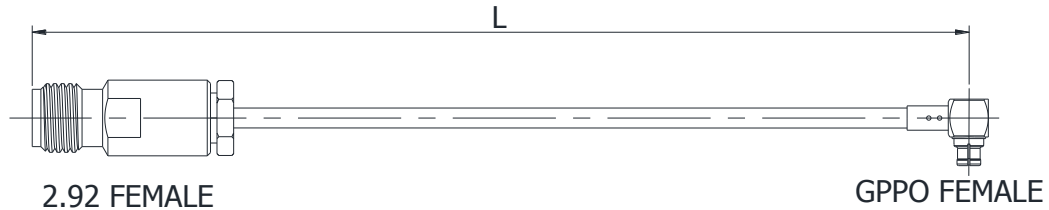


U12 SERIES, FLEXIBLE CABLE,  
2.92MM(FEMALE)-GPPO(MINI-SMP) (FEMALE)

**GAU12-292FGPPWF-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 Stainless Steel
Connector 1 Mount Method	None
Connector 2 Type	GPPO(Mini-SMP) Female
Connector 2 Body Style	Right Angle
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 ≤(dB)			
		3GHz	6GHz	18GHz	40GHz
GAU12-292FGPPWF-1000	1000±10	2.211	3.148	5.545	8.426
GAU12-292FGPPWF-500	500±5	1.218	1.734	3.048	4.624
GAU12-292FGPPWF-300	300±5	0.821	1.171	2.050	3.130
GAU12-292FGPPWF-200	200±5	0.623	0.885	1.570	2.343
GAU12-292FGPPWF-100	100±5	0.424	0.602	1.051	1.528

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