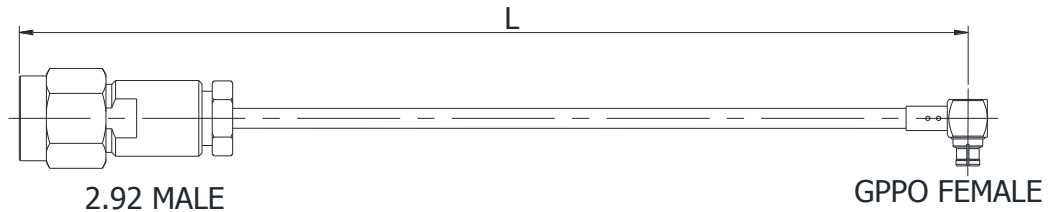


U12 SERIES, FLEXIBLE CABLE,
2.92MM(MALE)-GPPO(MINI-SMP) (FEMALE)

GAU12-292MGPPWF-XXX



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

Configuration

Connector 1 Type	2.92mm Male
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	Right Angle
Body Material and Plating	CuBe Gold Plated
Connector 2 Mount Method	None
Cable Type	U12 Series

Electrical Specifications

Impedance	50 Ω
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
GAU12-292MGPPWF-1000	1000 \pm 10	2.211	3.148	5.545	8.426
GAU12-292MGPPWF-500	500 \pm 5	1.218	1.734	3.048	4.624
GAU12-292MGPPWF-300	300 \pm 5	0.821	1.171	2.050	3.130
GAU12-292MGPPWF-200	200 \pm 5	0.623	0.885	1.570	2.343
GAU12-292MGPPWF-100	100 \pm 5	0.424	0.602	1.051	1.528

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