



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

Configuration

Connector 1 Type	GPPO(Mini-SMP) Female
Connector 1 Body Style	Straight
Body Material and Plating	CuBe gold plated
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

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
Outer Conductor	Silver plated copper wire
Velocity of propagation(%)	80
Min. bending radius(mm)	8
Jacket Diameter(mm)	1.50

Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)			
		3GHz	6GHz	18GHz	40GHz
GAU12-GPPFGPPWF-1000	1000±10	2.211	3.148	5.545	8.426
GAU12-GPPFGPPWF-500	500±5	1.218	1.734	3.048	4.624
GAU12-GPPFGPPWF-300	300±5	0.821	1.171	2.050	3.103
GAU12-GPPFGPPWF-200	200±5	0.623	0.885	1.570	2.343
GAU12-GPPFGPPWF-100	100±5	0.424	0.602	1.051	1.528

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