



GPO FEMALE

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

Configuration

Connector 1 Type	GPO(SMP) Female
Connector 1 Body Style	Straight
Body Material and Plating	Brass Gold Plated
Connector 1 Mount Method	None
Connector 2 Type	GPO(SMP) Female
Connector 2 Body Style	Straight
Body Material and Plating	CuBe Gold Plated
Connector 2 Mount Method	None
Cable Type	3506 Series

Electrical Specifications

Impedance	50 Ω
Frequency	DC to 18 GHz
Return Loss/VSWR	1.35 to 18 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	90att @ 2GHz at sea level,VSWR1.0

Environmental Data

Temperature Range	-40°C to +165°C
2011/65/EU(RoHS)	Compliant

Cable Specifications

Center Conductor	Silver plated copper
Dielectric	ePTFE
Jacket	FEP
Capacitance(pF/m)	94
Velocity of propagation(%)	82
Min. bending radius(mm)	6
Jacket Diameter(mm)	2.2

Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)			
		3GHz	5GHz	10GHz	18GHz
GAU2-GPFGPF-1000	1000±10	1.4	1.7	2.5	3.35
GAU2-GPFGPF-800	800±8	1.16	1.4	2.06	2.83
GAU2-GPFGPF-700	700±5	1.03	1.24	1.84	2.52
GAU2-GPFGPF-500	500±5	0.785	0.95	1.42	1.94
GAU2-GPFGPF-300	300±5	0.53	0.65	0.96	1.36
GAU2-GPFGPF-260	260±5	0.48	0.59	0.87	1.22
GAU2-GPFGPF-200	200±5	0.404	0.51	0.74	1.06
GAU2-GPFGPF-100	100±5	0.27	0.35	0.52	0.75

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