



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

## Configuration

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

## Electrical Specifications

Impedance	50 $\Omega$
Frequency	DC to 40 GHz
Return Loss/VSWR	8dB
Phase Stability vs. Flexure	N/A
Amplitude Stability	N/A
Shielding Effectiveness	<-100dB @ 1GHz
Phase Matching	On request
Signal Delay	On request
Power Handling	90watt @ 2GHz at sea level,VSWR1.0

## Environmental Data

Temperature Range	-40°C to +125°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	10GHz	18GHz	40GHz
GAU2-GPWFGPWF-3000	3000±20	3.57	6.68	9.13	14.08
GAU2-GPWFGPWF-1500	1500±15	1.89	3.53	4.82	7.42
GAU2-GPWFGPWF-1000	1000±10	1.33	2.48	3.38	5.20
GAU2-GPWFGPWF-500	500±10	0.77	1.43	1.95	2.98
GAU2-GPWFGPWF-300	300±5	0.55	1.01	1.38	2.10
GAU2-GPWFGPWF-254	254±5	0.50	0.92	1.24	1.89
GAU2-GPWFGPWF-100	100±5	0.32	0.59	0.80	1.21

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