



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

Configuration

Connector 1 Type	1.85mm Male
Connector 1 Body Style	Straight
Body Material and Plating	Passivated Stainless Steel
Connector 1 Mount Method	None
Connector 2 Type	GPPO 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 65 GHz
Return Loss/VSWR	13 dB to 65 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	90watt @ 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 \leq (dB)			
		20GHz	40GHz	50GHz	65GHz
GAU2-185MGPPF-1000	1000 \pm 10	3.62	5.32	6.11	7.23
GAU2-185MGPPF-800	800 \pm 5	3.04	4.42	5.08	6.01
GAU2-185MGPPF-600	600 \pm 5	2.36	3.46	4.03	4.76
GAU2-185MGPPF-500	500 \pm 5	2.05	2.98	3.51	4.13
GAU2-185MGPPF-300	300 \pm 3	1.39	2.06	2.44	2.87
GAU2-185MGPPF-260	260 \pm 3	1.25	1.92	2.23	2.61
GAU2-185MGPPF-200	200 \pm 3	1.12	1.54	1.92	2.24
GAU2-185MGPPF-100	100 \pm 3	0.73	1.12	1.39	1.61

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