



\* 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 Staindless Steel
Connector 1 Mount Method	None
Connector 2 Type	1.85mm Male
Connector 2 Body Style	Right Angle
Body Material and Plating	Passivated Staindless Steel
Connector 2 Mount Method	None
Cable Type	3506 Series

### Electrical Specifications

Impedance	50 $\Omega$
Frequency	DC to 67 GHz
Return Loss/VSWR	1.50 to 67 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
2002/95/EC(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)			
		10GHz	20GHz	40GHz	60GHz
GAU2-185M185WM-2500	2500±20	5.74	8.25	11.98	15.02
GAU2-185M185WM-2000	2000±20	4.70	6.73	9.75	12.21
GAU2-185M185WM-1500	1500±15	3.65	5.21	7.52	9.4
GAU2-185M185WM-1200	1200±10	3.02	4.29	6.18	7.71
GAU2-185M185WM-1000	1000±10	2.61	3.69	5.29	6.59
GAU2-185M185WM-600	600±10	1.77	2.47	3.50	4.34
GAU2-185M185WM-500	500±10	1.56	2.17	3.06	3.78

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