



1.85mm MALE

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

<b>Configuration</b>	
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	Straight
Body Material and Plating	Passivated Staindless Steel
Connector 2 Mount Method	None
Cable Type	3506 Series
<b>Electrical Specifications</b>	
Impedance	50 $\Omega$
Frequency	DC to 67 GHz
Return Loss/VSWR	1.40
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
<b>Environmental Data</b>	
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

**Armor Specifications**

Armor Type	Stainless steel wire covered by Tin plated copper wire and nomex braid
Min. bending radius(mm)	25.4
Diameter(mm)	6.3

**Part Number List**

Part Number	Length [mm]	Insertion Loss ≤(dB)			
		10GHz	20GHz	40GHz	60GHz
GAU2-185M185M-3000A3	3000±10	6.79	9.77	14.21	17.83
GAU2-185M185M-2500A3	2500±10	5.74	8.25	11.98	15.02
GAU2-185M185M-2000A3	2000±10	4.70	6.73	9.75	12.21
GAU2-185M185M-1500A3	1500±10	3.65	5.21	7.52	9.4
GAU2-185M185M-1200A3	1200±10	3.02	4.29	6.18	7.71
GAU2-185M185M-1000A3	1000±10	2.61	3.69	5.29	6.59
GAU2-185M185M-600A3	600±5	1.77	2.47	3.50	4.34
GAU2-185M185M-500A3	500±5	1.56	2.17	3.06	3.78

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