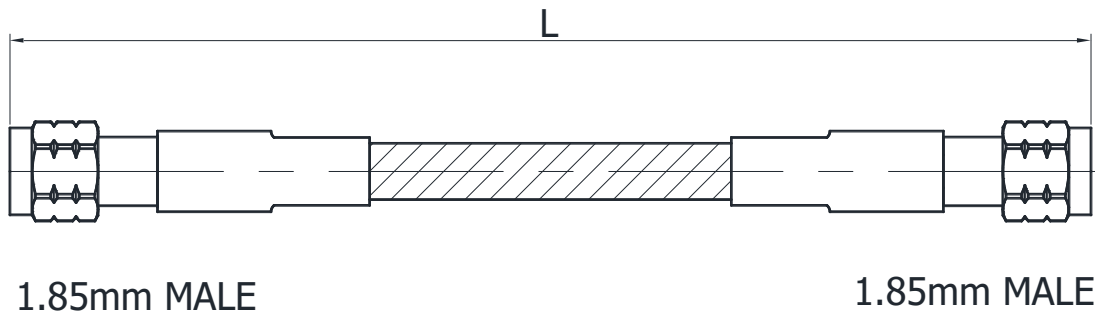




* Label and Shrinking tube design depend on customer's request.

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	Straight
Body Material and Plating	Passivated Staindless Steel
Connector 2 Mount Method	None
Cable Type	3506 Series

Electrical Specifications

Impedance	50 Ω
Frequency	DC to 67 GHz
Return Loss/VSWR	1.50
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

Armor Specifications

Armor Type	Stainless steel interlocked armour
Min. bending radius(mm)	25.4
Diameter(mm)	6.1

Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)			
		10GHz	20GHz	40GHz	67GHz
GAU2-185M185M-1500A2	1500±10	3.97	5.13	6.13	7.48
GAU2-185M185M-1000A2	1000±10	2.92	3.69	4.36	5.26
GAU2-185M185M-610A2	610±5	2.10	2.58	2.98	3.53
GAU2-185M185M-500A2	500±5	1.87	2.26	2.59	3.04
GAU2-185M185M-200A2	200±3	1.24	1.40	1.53	1.71
GAU2-185M185M-150A2	150±3	1.14	1.26	1.34	1.49
GAU2-185M185M-100A2	100±3	1.03	1.11	1.18	1.27

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