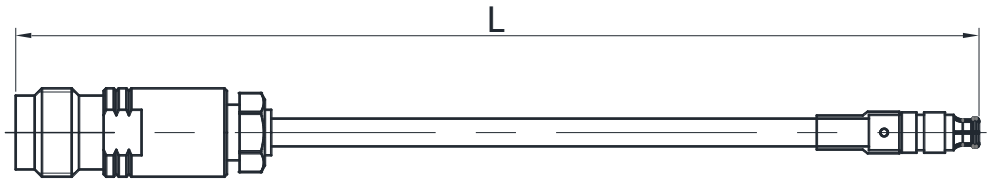
CABLE ASSEMBLY DATASHEET	Gwave
3506 SERIES, FLEXIBLE CABLE, 1.85MM(FEMALE)-GPPO(MINI-SMP)(FEMALE)	**GAU2-185FGPPF-XXX**



1.85mm FEMALE

GPPO FEMALE

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

Configuration

Connector 1 Type	1.85mm Female
Connector 1 Body Style	Straight
Body Material and Plating	Passivated Stainless Steel
Connector 1 Mount Method	None
Connector 2 Type	GPPO(Mini-SMP) 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	10dB
Phase Stability vs. Flexure	N/A
Amplitude Stability	N/A
Shielding Effectiveness	90dB
Phase Matching	On request
Signal Delay	On request
Power Handling	39Watt @ 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)	11
Jacket Diameter(mm)	2.2

Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)			
		18GHz	26.5GHz	40GHz	65GHz
GAU2-185FGPPF-1000	1000±10	3.29	4.05	5.07	6.64
GAU2-185FGPPF-500	500±5	1.86	2.28	2.85	3.72
GAU2-185FGPPF-100	100±3	0.71	0.87	1.08	1.39

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