



1.85mm Male

MMPX Male

* 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	MMPX Male
Connector 2 Body Style	Straight
Body Material and Plating	Brass Gold Plated
Connector 2 Mount Method	None
Cable Type	3506 Series

Electrical Specifications

Impedance	50 Ω
Frequency	DC to 67 GHz
Return Loss/VSWR	10dB 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	18GHz	26.5GHz	40GHz	67GHz
GAU2-185MMMPXM-1500	1500±15	3.97	5.13	6.13	7.48	9.73
GAU2-185MMMPXM-1000	1000±10	2.92	3.69	4.36	5.26	6.76
GAU2-185MMMPXM-500	500±10	1.87	2.26	2.59	3.04	3.79
GAU2-185MMMPXM-200	200±5	1.24	1.40	1.53	1.71	2.01
GAU2-185MMMPXM-100	100±5	1.03	1.11	1.18	1.27	1.42

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