



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

Configuration

Connector 1 Type	1.85mm Male
Connector 1 Body Style	Straight
Connector 2 Type	1.85mm Male
Connector 2 Body Style	Straight

Electrical Specifications

Impedance	50 Ω
Frequency	DC to 60 GHz
Return Loss/VSWR	1.40 to 60 GHz
Phase Stability vs. Flexure	12° @ 60GHz
Amplitude Stability	0.2dB

Environmental Data

Temperature Range	-55°C to +125°C
2002/95/EC(RoHS)	Compliant

Armor Specifications

Armor Type	Stain steel wire covered by Tin plated copper wire and nomex braid
Min. bending radius	25.4mm
Diameter	6.7mm

Part Number	Length [mm]	Insertion Loss ≤(dB)			
		10GHz	20GHz	40GHz	60GHz
GAU2-185M185M -20000A3	20000±100	42.32	61.45	90.03	113.37
GAU2-185M185M -10000A3	10000±100	21.42	31.05	45.43	57.17
GAU2-185M185M -8000A3	8000±30	17.24	24.97	36.51	45.93
GAU2-185M185M -3000A3	3000±30	6.79	9.77	14.21	17.83
GAU2-185M185M -2500A3	2500±20	5.74	8.25	11.98	15.02
GAU2-185M185M -2000A3	2000±20	4.70	6.73	9.75	12.21
GAU2-185M185M -1500A3	1500±15	3.65	5.21	7.52	9.4
GAU2-185M185M -1200A3	1200±12	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±10	1.77	2.47	3.50	4.34
GAU2-185M185M -500A3	500±10	1.56	2.17	3.06	3.78

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