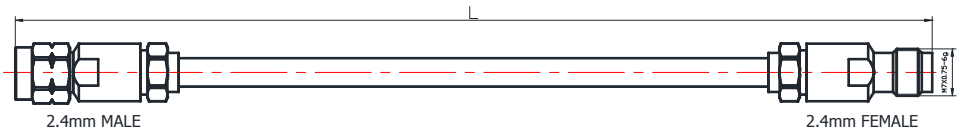
CABLE ASSEMBLY DATASHEET	Gwave
3500 SERIES, FLEXIBLE CABLE, 2.4MM(MALE)- 2.4MM(FEMALE)	**GAU9-24M24F-XXX**



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

Configuration

Connector 1 Type	2.4mm Male
Connector 1 Body Style	Straight
Body Material and Plating	Passivated Staindless Steel
Connector 1 Mount Method	None
Connector 2 Type	2.4mm Female
Connector 2 Body Style	Straight
Body Material and Plating	Passivated Staindless Steel
Connector 2 Mount Method	None
Cable Type	3500 Series

Electrical Specifications

Impedance	50 Ω
Frequency	DC to 50 GHz
Return Loss/VSWR	1.40 to 50 GHz
Phase Stability vs. Flexure	±5.2°
Amplitude Stability	±0.1dB
Shielding Effectiveness	>90dB @ 1GHz
Phase Matching	On request
Signal Delay	On request

Environmental Data

Temperature Range	-40°C to +125°C
2002/95/EC(RoHS)	Compliant

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Cable Specifications

Center Conductor	Silver plated copper
Dielectric	ePTFE
Jacket	FEP
Velocity of propagation(%)	83
Min. bending radius(mm)	12.5
Jacket Diameter(mm)	3.10±0.13

Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)			
		10GHz	18GHz	26.5GHz	50GHz
GAU9-24M24F-8000	8000±30	13.1	18.1	22.4	29.3
GAU9-24M24F-3000	3000±30	5.08	7.04	8.68	11.3
GAU9-24M24F-2000	2000±20	3.48	4.79	5.94	7.75
GAU9-24M24F-1500	1500±15	2.68	3.69	4.57	5.95
GAU9-24M24F-1200	1200±12	2.21	3.03	3.75	4.92
GAU9-24M24F-1000	1000±10	1.89	2.59	3.2	4.25
GAU9-24M24F-600	600±10	1.25	1.71	2.12	2.76
GAU9-24M24F-500	500±10	1.08	1.48	1.83	2.41
GAU9-24M24F-400	400±10	0.92	1.26	1.56	2.05
GAU9-24M24F-200	200±10	0.61	0.82	0.97	1.32