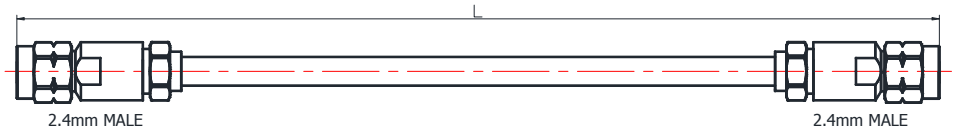
CABLE ASSEMBLY DATASHEET	Gwave
3500 SERIES, FLEXIBLE CABLE, 2.4MM(MALE)- 2.4MM(MALE)	**GAU9-24M24M-XXX**



* 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 Male
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

Gwave Technology Inc.
4th Floor,New Material Plaza,Yongfeng Hi-Tech Base,Haidian District,Beijing ,China(100094) www.gwave-tech.com
Tel.: +86 10 86484190
Fax: +86 10 86484190-0
email: gwave@gwave-tech.com

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
GAU9-24M24M-8000	8000±30	13.1	18.1	22.4	29.3
GAU9-24M24M-3000	3000±30	5.08	7.04	8.68	11.3
GAU9-24M24M-2000	2000±20	3.48	4.79	5.94	7.75
GAU9-24M24M-1500	1500±15	2.68	3.69	4.57	5.95
GAU9-24M24M-1200	1200±12	2.21	3.03	3.75	4.92
GAU9-24M24M-1000	1000±10	1.89	2.59	3.2	4.25
GAU9-24M24M-600	600±10	1.25	1.71	2.12	2.76
GAU9-24M24M-500	500±10	1.08	1.48	1.83	2.41
GAU9-24M24M-400	400±10	0.92	1.26	1.56	2.05
GAU9-24M24M-200	200±10	0.61	0.82	0.97	1.32

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.