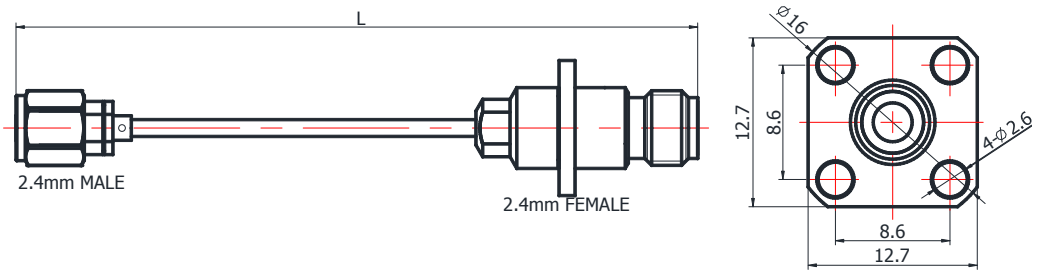
CABLE ASSEMBLY DATASHEET	Gwave®
086 SERIES, SEMI-FLEX CABLE , 2.4MM(MALE)- 2.4MM(FEMALE)	**GA712-24M24FF-XXX**



* 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	4 Hole Flange
Cable Type	GUT-085-Form-FEP

Electrical Specifications

Impedance	50 Ω
Frequency	DC to 50GHz
Return Loss/VSWR	1.44 to 50 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	89Watt @ 3GHz at Sea Level,VSWR1.0

Environmental Data

Temperature Range	-40°C to +165°C
2002/95/EC(RoHS)	Compliant

Gwave Technology Co.,Ltd.
No.33 Building,Hanjiachuan Yard,Haidian District,Beijing
China(100094) www.gwave-tech.com
Tel.: +86 10 62450051/52
Fax: +86 10 62450053
Email: gwave@gwave-tech.com

Cable Specifications

Center Conductor	Silver plated copper
Dielectric	Solid extruded PTFE
Jacket	EPI205,Blue
Capacitance(pF/m)	94
Velocity of propagation(%)	70
Min. bending radius(mm)	6
Jacket Diameter(mm)	2.54

Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)			
		3GHz	10GHz	18GHz	40G
GA712-24M24FF-1000	1000±15	1.33	2.71	3.65	6.92
GA712-24M24FF-500	500±10	0.785	1.42	2.15	3.82
GA712-24M24FF-300	300±10	0.53	0.96	1.49	2.56
GA712-24M24FF-200	200±10	0.404	0.74	1.16	1.94
GA712-24M24FF-100	100±10	0.27	0.52	0.83	1.32