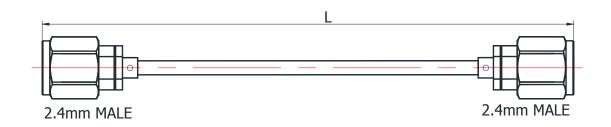
CABLE ASSEMBLY DATASHEET



086 SERIES, SEMI-RIGID CABLE, 2.4MM(MALE)- 2.4MM(MALE)

GA710-24M24M-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	GUT-085
Electrical Specificati	
Electrical Specificati	ons
Impedance	50 Ω DC to 50GHz
Impedance Frequency	50 Ω
Impedance Frequency Return Loss/VSWR	50 Ω DC to 50GHz
Impedance Frequency	50 Ω DC to 50GHz 1.44 to 50 GHz
Impedance Frequency Return Loss/VSWR Phase Stability vs. Flexure	50 Ω DC to 50GHz 1.44 to 50 GHz N/A
Impedance Frequency Return Loss/VSWR Phase Stability vs. Flexure Amplitude Stability	50 Ω DC to 50GHz 1.44 to 50 GHz N/A N/A
Impedance Frequency Return Loss/VSWR Phase Stability vs. Flexure Amplitude Stability Shielding Effectiveness	50 Ω DC to 50GHz 1.44 to 50 GHz N/A N/A <-100dB @ 1GHz
Impedance Frequency Return Loss/VSWR Phase Stability vs. Flexure Amplitude Stability Shielding Effectiveness Phase Matching	50 Ω DC to 50GHz 1.44 to 50 GHz N/A N/A <-100dB @ 1GHz On Request
Impedance Frequency Return Loss/VSWR Phase Stability vs. Flexure Amplitude Stability Shielding Effectiveness Phase Matching Signal Delay	50 Ω DC to 50GHz 1.44 to 50 GHz N/A N/A <-100dB @ 1GHz On Request On Request 89Watt @ 3GHz at Sea Level,VSWR1.0
Impedance Frequency Return Loss/VSWR Phase Stability vs. Flexure Amplitude Stability Shielding Effectiveness Phase Matching Signal Delay Power Handling	50 Ω DC to 50GHz 1.44 to 50 GHz N/A N/A <-100dB @ 1GHz On Request On Request 89Watt @ 3GHz at Sea Level,VSWR1.0

C	Techno	I · ·		1 4 4
	Techno	เกตง	ιn	1 17/1

No.33 Building, Hanjiachuan Yard, Haidian District, Beijing China(100094) <u>www.gwave-tech.com</u>

Tel.: +86 10 62450051/52 Fax: +86 10 62450053 Email: gwave@gwave-tech.com Page

1/2

CABLE ASSEMBLY DATASHEET



086 SERIES, SEMI-RIGID CABLE, 2.4MM(MALE)- 2.4MM(MALE)

GA710-24M24M-XXX

Cable Specifications				
Center Conductor	Silver plated copper			
Dielectric	Solid extruded PTFE			
Outer Conductor	Tin Plated Copper			
Capacitance(pF/m)	94			
Velocity of propagation(%)	70			
Min. bending radius(mm)	6			
Jacket Diameter(mm)	2.2			

Part Number List

Dart Number	Longth [mm]	Insertion Loss ≤(dB)			
Part Number	Length [mm]	3GHz	10GHz	18GHz	40G
GA710-24M24M-1000	1000±15	1.33	2.71	3.65	6.92
GA710-24M24M-500	500±10	0.785	1.42	2.15	3.82
GA710-24M24M-300	300±10	0.53	0.96	1.49	2.56
GA710-24M24M-200	200±10	0.404	0.74	1.16	1.94
GA710-24M24M-100	100±10	0.27	0.52	0.83	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.

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 Page

2/2