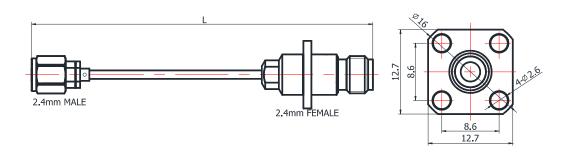
## CABLE ASSEMBLY DATASHEET



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

## **GA710-24M24FF-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				
Electrical Specifications					
Impedance	50 Ω DC to 50 GHz				
Frequency	1.44 to 50 GHz				
Return Loss/VSWR					
Phase Stability vs. Flexure  Amplitude Stability	N/A N/A				
Shielding Effectiveness	<-100dB @ 1GHz				
Phase Matching	Con request				
Signal Delay	On request				
Power Handling	·				
rower nationing	89watt @ 3GHz at sea level,VSWR1.0				
<b>Environmental Data</b>					
Temperature Range	-40°C to +165°C				
2002/95/EC(RoHS)	Compliant				

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#### CABLE ASSEMBLY DATASHEET



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

### **GA710-24M24FF-XXX**

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

# **Part Number List**

Part Number	Length [mm]	Insertion Loss ≤(dB)			
Part Number		3GHz	10GHz	18GHz	40GHz
GA710-24M24FF-1000	1000±10	1.33	2.71	3.65	6.92
GA710-24M24FF-500	500±5	0.785	1.42	2.15	3.82
GA710-24M24FF-300	300±5	0.53	0.96	1.49	2.56
GA710-24M24FF-200	200±5	0.404	0.74	1.16	1.94
GA710-24M24FF-100	100±5	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.

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2/2