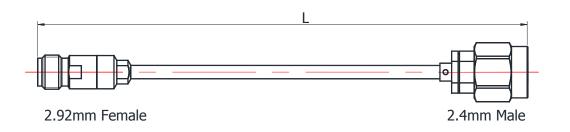
#### CABLE ASSEMBLY DATASHEET



# 086 SERIES, SEMI-FLEX CABLE, 2.92MM(FEMALE)- 2.4MM(MALE)

## GA712-292F24M-XXX



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

Configuration				
Connector 1 Type	2.92mm Female			
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-Form-FEP			
Electrical Specification	ns			
Impedance	50 Ω			
Frequency	DC to 40GHz			
Return Loss/VSWR	1.44 to 40 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			

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#### CABLE ASSEMBLY DATASHEET



086 SERIES, SEMI-FLEX CABLE, 2.92MM(FEMALE)- 2.4MM(MALE)

## GA712-292F24M-XXX

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)			
Part Number		3GHz	10GHz	18GHz	40G
GA712-292F24M-1000	1000±15	1.33	2.71	3.65	6.92
GA712-292F24M-500	500±10	0.785	1.42	2.15	3.82
GA712-292F24M-300	300±10	0.53	0.96	1.49	2.56
GA712-292F24M-200	200±10	0.404	0.74	1.16	1.94
GA712-292F24M-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.

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