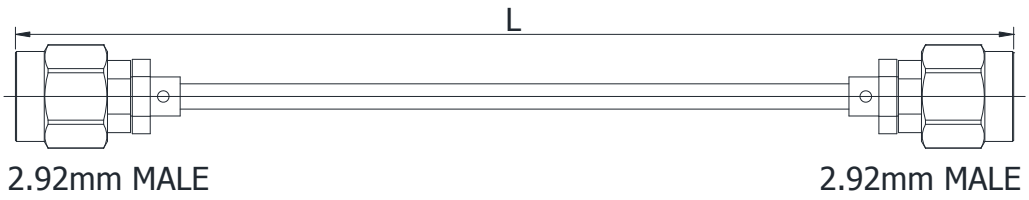
CABLE ASSEMBLY DATASHEET	Gwave
086 SERIES, SEMI-RIGID CABLE, 2.92MM(MALE)- 2.92MM(MALE)	**GA710X-292M292M-XXX**



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

Configuration

Connector 1 Type	2.92mm Male
Connector 1 Body Style	Straight
Body Material and Plating	Passivated Staindless Steel
Connector 1 Mount Method	None
Connector 2 Type	2.92mm Male
Connector 2 Body Style	Straight
Body Material and Plating	Passivated Staindless Steel
Connector 2 Mount Method	None
Cable Type	GUT-085(TIN/Copper)

Electrical Specifications

Impedance	50 Ω
Frequency	DC to 40 GHz
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
2011/65/EU(RoHS)	Compliant

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Cable Specifications

Center Conductor	Silver plated copper
Dielectric	Solid extruded PTFE
Outer Conductor	TIN/Copper
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)			
		3GHz	10GHz	18GHz	40GHz
GA710X-292M292M-1000	1000±10	1.33	2.71	3.65	6.92
GA710X-292M292M-500	500±5	0.785	1.42	2.15	3.82
GA710X-292M292M-300	300±5	0.53	0.96	1.49	2.56
GA710X-292M292M-200	200±5	0.404	0.74	1.16	1.94
GA710X-292M292M-100	100±5	0.27	0.52	0.83	1.32