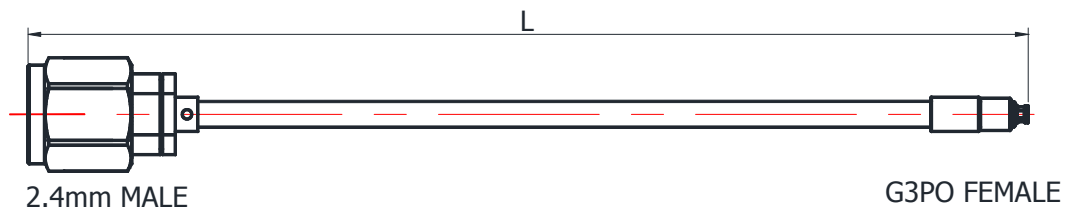


086 SERIES, SEMI-RIGID CABLE,  
2.4MM(MALE)- G3PO(SMPS) (FEMALE)

**GA710-24MG3PF-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	G3PO(SMPS) Female
Connector 2 Body Style	Straight
Body Material and Plating	CuBe Gold Plated
Connector 2 Mount Method	None
Cable Type	UT-085-H-TP-M17

## Electrical Specifications

Impedance	50 $\Omega$
Frequency	DC to 50 GHz
Return Loss/VSWR	12dB 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	110watt @ 2GHz at sea level,VSWR1.0

## Environmental Data

Temperature Range	-40°C to +165°C
RoHS	Compliant

### Cable Specifications

Center Conductor	Silver plated copper
Dielectric	Solid extruded PTFE
Outer Conductor	TIN/Copper
Capacitance(pF/m)	95.2
Velocity of propagation(%)	70
Min. bending radius(mm)	6
Jacket Diameter(mm)	2.2
Weight(kg/100m)	2.13

### Part Number List

Part Number	Length [mm]	Insertion Loss $\leq$ (dB)			
		5GHz	10GHz	20GHz	40GHz
GA710-24MG3PF-1000	1000 $\pm$ 10	1.7	2.5	3.8	6.9
GA710-24MG3PF-800	800 $\pm$ 8	1.4	2.06	3.14	5.66
GA710-24MG3PF-600	600 $\pm$ 6	1.09	1.64	2.48	4.32
GA710-24MG3PF-500	500 $\pm$ 5	0.95	1.42	2.15	3.82
GA710-24MG3PF-300	300 $\pm$ 5	0.65	0.96	1.49	2.56
GA710-24MG3PF-260	260 $\pm$ 5	0.59	0.87	1.35	2.31
GA710-24MG3PF-200	200 $\pm$ 5	0.51	0.74	1.16	1.94
GA710-24MG3PF-100	100 $\pm$ 5	0.35	0.52	0.83	1.32

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