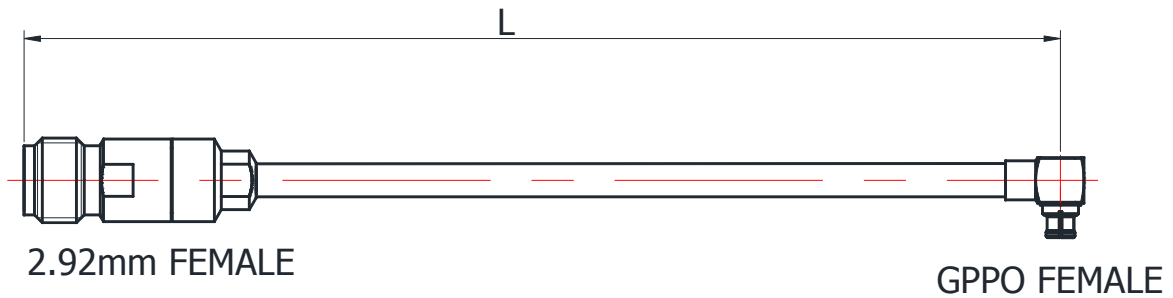


086 SERIES, SEMI-RIGID CABLE,  
2.92MM(FEMALE)- GPPO(MINI-SMP)(FEMALE)

**GA710X-292FGPPWF-XXX**



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

<b>Configuration</b>	
Connector 1 Type	2.92mm Female
Connector 1 Body Style	Straight
Body Material and Plating	Passivated Stainless Steel
Connector 1 Mount Method	None
Connector 2 Type	GPPO(Mini-SMP) Female
Connector 2 Body Style	Right Angle
Body Material and Plating	CuBe Gold Plated
Connector 2 Mount Method	None
Cable Type	GUT-085(TIN/Copper)
<b>Electrical Specifications</b>	
Impedance	50 $\Omega$
Frequency	DC to 40GHz
Return Loss/VSWR	10dB to 40 GHz
Shielding Effectiveness	<-100dB @ 1GHz
Phase Matching	On Request
Signal Delay	On Request
Power Handling	141.4Watt @ 1GHz at Sea Level,VSWR1.0
<b>Environmental Data</b>	
Temperature Range	-45°C to +165°C
2011/65/EU(RoHS)	Compliant

### 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 $\leq$ (dB)			
		3GHz	10GHz	18GHz	40G
GA710X-292FGPPWF-1000	1000 $\pm$ 10	1.33	2.71	3.65	6.92
GA710X-292FGPPWF-500	500 $\pm$ 10	0.785	1.42	2.15	3.82
GA710X-292FGPPWF-300	300 $\pm$ 10	0.53	0.96	1.49	2.56
GA710X-292FGPPWF-200	200 $\pm$ 5	0.404	0.74	1.16	1.94
GA710X-292FGPPWF-100	100 $\pm$ 5	0.27	0.52	0.83	1.32

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