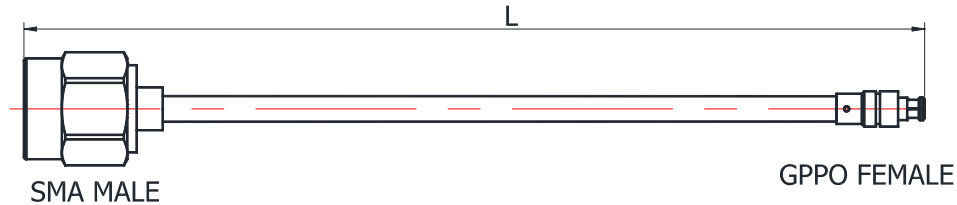


086 SERIES, SEMI-RIGID CABLE,  
SMA(MALE)- GPPO(MINI-SMP)(FEMALE)**GA710X-SMMGPPF-XXX**

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

### Configuration

Connector 1 Type	SMA Male
Connector 1 Body Style	Straight
Body Material and Plating	Passivated Staindless Steel
Connector 1 Mount Method	None
Connector 2 Type	GPPO Female
Connector 2 Body Style	Straight
Body Material and Plating	CuBe Gold Plated
Connector 2 Mount Method	None
Cable Type	GUT-085(TIN/Copper)

### Electrical Specifications

Impedance	50 $\Omega$
Frequency	DC to 26.5 GHz
Return Loss/VSWR	12 dB to 26.5 GHz
Phase Stability vs. Flexure	N/A
Amplitude Stability	N/A
Shielding Effectiveness	<-100dB @ 1GHz
Phase Matching	On request
Signal Delay	$\pm 1$ ps
Power Handling	110watt @ 2GHz at sea level,VSWR1.0

### Environmental Data

Temperature Range	-40°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 ≤(dB)			
		5GHz	10GHz	20GHz	26.5GHz
GA710X-SMMGPPF-1000	1000±10	1.7	2.5	3.8	4.7
GA710X-SMMGPPF-800	800±8	1.4	2.06	3.14	3.86
GA710X-SMMGPPF-500	500±5	0.95	1.42	2.15	2.61
GA710X-SMMGPPF-300	300±5	0.65	0.96	1.49	1.76
GA710X-SMMGPPF-260	260±5	0.59	0.87	1.35	1.59
GA710X-SMMGPPF-200	200±5	0.51	0.74	1.16	1.34
GA710X-SMMGPPF-100	100±5	0.35	0.52	0.83	0.92

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