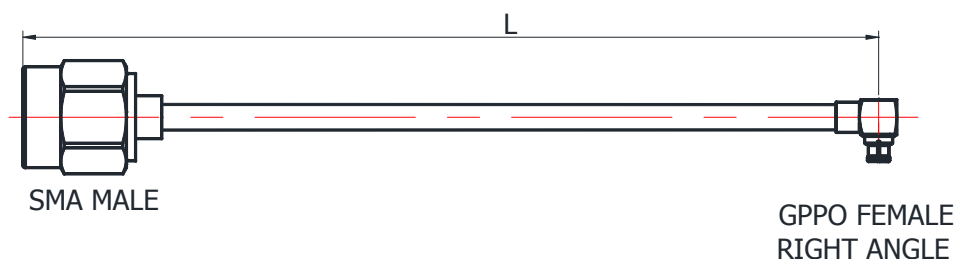


086 SERIES, SEMI-FLEX CABLE ,  
SMA(MALE)- GPPO(MINI-SMP)(FEMALE)**GA712-SMMGPPWF-XXX**

\* 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 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	Flexiform 405 FJ

## Electrical Specifications

Impedance	50 $\Omega$
Frequency	DC to 26.5 GHz
Return Loss/VSWR	1.35 to 10 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
RoHS	Compliant

086 SERIES, SEMI-FLEX CABLE ,  
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## Cable Specifications

Center Conductor	Silver plated copper covered steel
Dielectric	PTFE
Jacket	FEP, Blue-transparent
Capacitance(pF/m)	94
Velocity of propagation(%)	71
Min. bending radius(mm)	6
Jacket Diameter(mm)	2.5
Weight(kg/100m)	2.2

## Part Number List

Part Number	Length [mm]	Insertion Loss $\leq$ (dB)			
		3GHz	5GHz	10GHz	18GHz
GA712-SMMGPPWF-1000	1000 $\pm$ 15	1.33	1.92	2.71	3.65
GA712-SMMGPPWF-500	500 $\pm$ 10	0.785	0.95	1.42	2.15
GA712-SMMGPPWF-300	300 $\pm$ 10	0.53	0.65	0.96	1.49
GA712-SMMGPPWF-200	200 $\pm$ 10	0.404	0.51	0.74	1.16
GA712-SMMGPPWF-100	100 $\pm$ 10	0.27	0.35	0.52	0.83

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