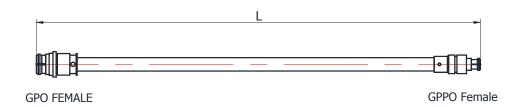
CABLE ASSEMBLY DATA SHEET



086 SERIES, SEMI-FLEX CABLE, GPO(FEMALE)- GPPO(FEMALE)

GA712-GPFGPPF-XXX



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

Configuration					
Connector 1 Type	GPO(SMP) Female				
Connector 1 Body Style	Straight				
Body Material and Plating	CuBe Gold Plated				
Connector 1 Mount Method	None				
Connector 2 Type	GPPO(Mini-SMP) Female				
Connector 2 Body Style	Straight				
Body Material and Plating	CuBe Gold Plated				
Connector 2 Mount Method	None				
Cable Type	GUT-085-Form-FEP				
Electrical Specifications					
Impedance	50 Ω				
Frequency	DC to 18 GHz				
Return Loss/VSWR	1.35 to 18 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				
2002/95/EC(RoHS)	Compliant				

Temperature Range	-40°C to +165°C
2002/95/EC(RoHS)	Compliant

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CABLE ASSEMBLY DATA SHEET



086 SERIES, SEMI-FLEX CABLE, GPO(FEMALE)- GPPO(FEMALE)

GA712-GPFGPPF-XXX

Cable Specifications	
Center Conductor	Silver plated copper
Dielectric	Solid extruded PTFE
Jacket	EPI205,Blue
Capacitance(pF/m)	94
Velocity of propagation(%)	70
Min. bending radius(mm)	6
Jacket Diameter(mm)	2.54

Part Number List

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

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

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