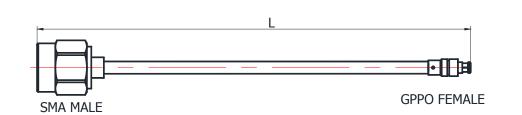
CABLE ASSEMBLY DATASHEET

086 SERIES, SEMI-FLEX CABLE , SMA(MALE)- GPPO(MINI-SMP)(FEMALE)

<u>Gwave</u>

GA712-SMMGPPF-XXX



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

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(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 Specificat	
Impedance	50 Ω
•	
- Impedance	50 Ω
Impedance Frequency	50 Ω DC to 26.5 GHz
Impedance Frequency Return Loss/VSWR	50 Ω DC to 26.5 GHz 1.35 to 18 GHz
Impedance Frequency Return Loss/VSWR Phase Stability vs. Flexure	50 Ω DC to 26.5 GHz 1.35 to 18 GHz N/A
Impedance Frequency Return Loss/VSWR Phase Stability vs. Flexure Amplitude Stability	50 Ω DC to 26.5 GHz 1.35 to 18 GHz N/A N/A
Impedance Frequency Return Loss/VSWR Phase Stability vs. Flexure Amplitude Stability Shielding Effectiveness	50 Ω DC to 26.5 GHz 1.35 to 18 GHz N/A

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

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086 SERIES, SEMI-FLEX CABLE , SMA(MALE)- GPPO(MINI-SMP)(FEMALE)

Gwave

GA712-SMMGPPF-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-SMMGPPF-1000	1000±15	1.33	1.92	2.71	3.65
GA712-SMMGPPF-500	500±10	0.785	0.95	1.42	2.15
GA712-SMMGPPF-300	300±10	0.53	0.65	0.96	1.49
GA712-SMMGPPF-200	200±10	0.404	0.51	0.74	1.16
GA712-SMMGPPF-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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