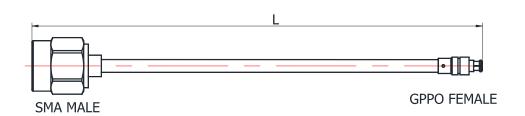
CABLE ASSEMBLY DATASHEET



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

GA710-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(Copper)				
Electrical Specifications					
Impedance	50 Ω				
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	±1ps				
Power Handling	110watt @ 2GHz at sea level,VSWR1.0				
Environmental Data					
Temperature Range	-40°C to +165°C				
2011/65/EU(RoHS)	Compliant				

Gwave Technology Inc.	
4th Floor, New Material Plaza, Yor	ngfeng Hi-Tech Base,Haidian
District, Beijing , China (100094)	www.gwave-tech.com

Tel.: +86 10 86484190 Fax: +86 10 86484190-0 email: gwave@gwave-tech.com

CABLE ASSEMBLY DATASHEET



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

GA710-SMMGPPF-XXX

Cable Specifications				
Center Conductor	Silver plated copper			
Dielectric	Solid extruded PTFE			
Outer Conductor	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	
GA710-SMMGPPF-1000	1000±10	1.7	2.5	3.8	4.7	
GA710-SMMGPPF-800	800±8	1.4	2.06	3.14	3.86	
GA710-SMMGPPF-500	500±5	0.95	1.42	2.15	2.61	
GA710-SMMGPPF-300	300±5	0.65	0.96	1.49	1.76	
GA710-SMMGPPF-260	260±5	0.59	0.87	1.35	1.59	
GA710-SMMGPPF-200	200±5	0.51	0.74	1.16	1.34	
GA710-SMMGPPF-100	100±5	0.35	0.52	0.83	0.92	

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.

Gwave Technology Inc. 4th Floor,New Material Plaza,Yongfeng Hi-Tech Base,Haidian District,Beijing ,China(100094) www.gwave-tech.com Tel.: +86 10 86484190 Fax: +86 10 86484190-0 email: gwave@gwave-tech.com Page

2/2