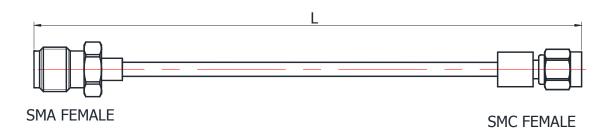
CABLE ASSEMBLY DATASHEET



086 SERIES, SEMI-FLEX CABLE, SMA(FEMALE)- SMC(FEMALE)

GA711-SMFSMCF-XXX



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

Configuration				
Configuration				
Connector 1 Type	SMA Female			
Connector 1 Body Style	Straight			
Body Material and Plating	Brass Gold Plated			
Connector 1 Mount Method	None			
Connector 2 Type	SMC Female			
Connector 2 Body Style	Straight			
Body Material and Plating	Brass Gold Plated			
Connector 2 Mount Method	None			
Cable Type	GUT-085-Form			
Electrical Specifications				
Impedance	50 Ω			
Frequency	DC to 6 GHz			
Return Loss/VSWR	1.35 to 6 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	I			
Temperature Range	-40°C to +85°C			
2002/95/EC(RoHS)	Compliant			

Gwave Technology Co.,Ltd.

No.33 Building, Hanjiachuan Yard, Haidian District, Beijing

China(100094) <u>www.gwave-tech.com</u>

Tel.: +86 10 62450051/52 Fax: +86 10 62450053 Email: gwave@gwave-tech.com Page

1/2

CABLE ASSEMBLY DATASHEET



086 SERIES, SEMI-FLEX CABLE, SMA(FEMALE)- SMC(FEMALE)

GA711-SMFSMCF-XXX

Cable Specifications			
Center Conductor	Silver plated copper		
Dielectric	Solid extruded PTFE		
Jacket	None		
Capacitance(pF/m)	95.1		
Velocity of propagation(%)	70		
Min. bending radius(mm)	6		
Jacket Diameter(mm)	2.2		

Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)	
		1GHz	5GHz
GA711-SMFSMCF-1000	1000±15	0.8	1.92
GA711-SMFSMCF-500	500±10	0.45	1.06
GA711-SMFSMCF-300	300±10	0.31	0.76
GA711-SMFSMCF-200	200±10	0.24	0.54
GA711-SMFSMCF-100	100±10	0.17	0.27

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 Co.,Ltd.

No.33 Building,Hanjiachuan Yard,Haidian District,Beijing
China(100094) www.gwave-tech.com

Tel.: +86 10 62450051/52 Fax: +86 10 62450053 Email: gwave@gwave-tech.com Page

2/2