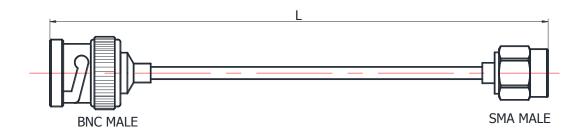
CABLE ASSEMBLY DATASHEET



086 SERIES, FLEXIBLE CABLE, BNC(MALE)-SMA (MALE)

GA712-BNCMSMM-XXX



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

Configuration			
Connector 1 Type	BNC Male		
Connector 1 Body Style	Straight		
Body Material and Plating	Brass Nickel Plated		
Connector 1 Mount Method	None		
Connector 2 Type	SMA Male		
Connector 2 Body Style	Straight		
Body Material and Plating	Passivated Staindless Steel		
Connector 2 Mount Method	None		
Cable Type	GUT-085-Form-FEP		
Electrical Specificati	ons		
Impedance	50 Ω		
Frequency	DC to 3 GHz		
Return Loss/VSWR	1.25 to 3 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		

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

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

CABLE ASSEMBLY DATASHEET



086 SERIES, FLEXIBLE CABLE, BNC(MALE)-SMA (MALE)

GA712-BNCMSMM-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)	
		1GHz	3GHz
GA712-BNCMSMM-1000	1000±10	0.86	1.33
GA712-BNCMSMM-500	500±5	0.53	0.785
GA712-BNCMSMM-300	300±5	0.39	0.53
GA712-BNCMSMM-200	200±5	0.33	0.404
GA712-BNCMSMM-100	100±5	0.24	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.

Tel.: +86 10 86484190

Fax: +86 10 86484190-0

email: gwave@gwave-tech.com

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