



* 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 Specifications	
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

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 \leq (dB)	
		1GHz	3GHz
GA712-BNCMSMM-1000	1000 \pm 10	0.86	1.33
GA712-BNCMSMM-500	500 \pm 5	0.53	0.785
GA712-BNCMSMM-300	300 \pm 5	0.39	0.53
GA712-BNCMSMM-200	200 \pm 5	0.33	0.404
GA712-BNCMSMM-100	100 \pm 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.