



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

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	
Temperature Range	-40°C to +85°C
2002/95/EC(RoHS)	Compliant

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 \leq (dB)	
		1GHz	5GHz
GA711-SMFSMCF-1000	1000 \pm 15	0.8	1.92
GA711-SMFSMCF-500	500 \pm 10	0.45	1.06
GA711-SMFSMCF-300	300 \pm 10	0.31	0.76
GA711-SMFSMCF-200	200 \pm 10	0.24	0.54
GA711-SMFSMCF-100	100 \pm 10	0.17	0.27

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