36 SERIES, SEMI-FLEX CA	BLE / CA711 SMASAGE XXX		
SMA(MALE)- SMC(FEMA	LE) GA711-SMMSMCF-XXX		
SMA MALE	L SMC FEMALE		
el and Shrinking tube design depen	d 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	SMC Female		
Connector 2 Body Style	Straight		
Body Material and Plating	Passivated Staindless Steel		
Connector 2 Mount Method	None		
Cable Type	GUT-085-Form		
Electrical Specifica	tions		
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 Dat	-		
Temperature Dange	-40°C to +165°C		
Temperature Range 2002/95/EC(RoHS)	Compliant		

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

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GA711-SMMSMCF-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]	Longth [mm]	Insertion Loss ≤(dB)		
	1GHz	5GHz		
GA711-SMMSMCF-1000	1000±15	0.8	1.92	
GA711-SMMSMCF-500	500±10	0.45	1.06	
GA711-SMMSMCF-300	300±10	0.31	0.76	
GA711-SMMSMCF-200	200±10	0.24	0.54	
GA711-SMMSMCF-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.

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