



* Label and Shrinking tube design depend 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	SMA Male
Connector 2 Body Style	Straight
Body Material and Plating	Passivated Staindless Steel
Connector 2 Mount Method	None
Cable Type	GUT-085-Form

Electrical Specifications

Impedance	50 Ω
Frequency	DC to 26.5 GHz
Return Loss/VSWR	1.25 to 18 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	None
Capacitance(pF/m)	94
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)			
		3GHz	5GHz	10GHz	18GHz
GA711-SMM2SMM2-1000	1000 \pm 10	1.33	1.92	2.71	3.65
GA711-SMM2SMM2-500	500 \pm 5	0.785	0.95	1.42	2.15
GA711-SMM2SMM2-300	300 \pm 5	0.53	0.65	0.96	1.49
GA711-SMM2SMM2-270	270 \pm 5	0.49	0.60	0.89	1.39
GA711-SMM2SMM2-220	220 \pm 5	0.43	0.53	0.78	1.22
GA711-SMM2SMM2-200	200 \pm 5	0.404	0.51	0.74	1.16
GA711-SMM2SMM2-100	100 \pm 5	0.27	0.35	0.52	0.83

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