



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

## Configuration

Connector 1 Type	SMA Male
Connector 1 Body Style	Right Angle
Body Material and Plating	Brass Gold Plated
Connector 1 Mount Method	None
Connector 2 Type	SMA Male
Connector 2 Body Style	Right Angle
Body Material and Plating	Brass Gold Plated
Connector 2 Mount Method	None
Cable Type	GUT-085-Form

## Electrical Specifications

Impedance	50 $\Omega$
Frequency	DC to 6 GHz
Return Loss/VSWR	1.25 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 +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
GA711-SMWMSMWM-1000	1000 $\pm$ 15	1.33	1.92
GA711-SMWMSMWM-500	500 $\pm$ 10	0.785	0.95
GA711-SMWMSMWM-300	300 $\pm$ 10	0.53	0.65
GA711-SMWMSMWM-200	200 $\pm$ 10	0.404	0.51
GA711-SMWMSMWM-100	100 $\pm$ 10	0.27	0.35

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