



\* 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 Female
Connector 2 Body Style	Straight
Body Material and Plating	Brass Gold Plated
Connector 2 Mount Method	None
Cable Type	UT-085-Form

## Electrical Specifications

Impedance	50 $\Omega$
Frequency	DC to 6 GHz
Return Loss/VSWR	1.25
Shielding Effectiveness	<-125dB @ 1GHz
Phase Matching	On Request
Signal Delay	On Request
Power Handling	141.4Watt @ 1GHz at Sea Level,VSWR1.0

## Environmental Data

Temperature Range	-45°C to +125°C
RoHS	Compliant

### Cable Specifications

Center Conductor	Silver plated copper
Dielectric	Solid extruded PTFE
Outer Conductor	Tin Plated Braid
Capacitance(pF/m)	95.2
Velocity of propagation(%)	70
Min. bending radius(mm)	6
Jacket Diameter(mm)	2.2
Weight(kg/100m)	1.7

### Part Number List

Part Number	Length [mm]	Insertion Loss $\leq$ (dB)	
		3GHz	5GHz
GA711-SMWMSMF-1000	1000 $\pm$ 10	1.33	1.92
GA711-SMWMSMF-500	500 $\pm$ 10	0.785	0.95
GA711-SMWMSMF-300	300 $\pm$ 10	0.53	0.65
GA711-SMWMSMF-200	200 $\pm$ 5	0.404	0.51
GA711-SMWMSMF-100	100 $\pm$ 5	0.27	0.35

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