



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

<b>Configuration</b>	
Connector 1 Type	SMA Male
Connector 1 Body Style	Straight
Body Material and Plating	Passivated Stainless Steel
Connector 1 Mount Method	None
Connector 2 Type	SMA Male
Connector 2 Body Style	Straight
Body Material and Plating	Passivated Stainless Steel
Connector 2 Mount Method	None
Cable Type	UT-047-SS
<b>Electrical Specifications</b>	
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	10Watt @ 1GHz at Sea Level,VSWR1.0
<b>Environmental Data</b>	
Temperature Range	-40°C to +165°C
2002/95/EC(RoHS)	Compliant

### Cable Specifications

Center Conductor	SPCW
Dielectric	Solid extruded PTFE
Outer Conductor	304-SS
Capacitance(pF/m)	95.1
Velocity of propagation(%)	70
Min. bending radius(mm)	3.18
Jacket Diameter(mm)	1.19

### Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)	
		3GHz	5GHz
GA700S-SMMSMM-1000	1000±15	1.33	1.92
GA700S-SMMSMM-500	500±10	0.785	0.95
GA700S-SMMSMM-300	300±10	0.53	0.65
GA700S-SMMSMM-200	200±10	0.404	0.51
GA700S-SMMSMM-100	100±10	0.27	0.35

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