



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

### Configuration

Connector 1 Type	BNC Male
Connector 1 Body Style	Straight
Body Material and Plating	Brass Nickel Plated
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-141-Form

### Electrical Specifications

Impedance	50 $\Omega$
Frequency	DC to 3 GHz
Return Loss/VSWR	1.25 to 3 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	182watt @ 5GHz at sea level,VSWR1.0

### Environmental Data

Temperature Range	-40°C to +125°C
2002/95/EC(RoHS)	Compliant

**Cable Specifications**

Center Conductor	Silver plated copperweld
Dielectric	Solid PTFE
Outer Conductor	Tin-soaked copper Coverge100%
Capacitance(pF/m)	95.1
Velocity of propagation(%)	70
Min. bending radius(mm)	10
Jacket Diameter(mm)	3.58±0.05

**Part Number List**

Part Number	Length [mm]	Insertion Loss ≤(dB)	
		1GHz	3GHz
GA721-BNCMSMM-1000	1000±10	0.48	1.11
GA721-BNCMSMM-500	500±5	0.29	0.655
GA721-BNCMSMM-300	260±5	0.198	0.436
GA721-BNCMSMM-200	200±5	0.176	0.382
GA721-BNCMSMM-100	100±5	0.138	0.291

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