



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

## Configuration

Connector 1 Type	N Female
Connector 1 Body Style	Straight
Body Material and Plating	Brass Nickel Plated
Connector 1 Mount Method	4 Hole Flange
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 6 GHz
Return Loss/VSWR	1.3 to 6 GHz
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
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	6GHz
GA721-NFFSMM-1000	1000±10	0.48	1.23
GA721-NFFSMM-800	800±8	0.41	1.01
GA721-NFFSMM-600	600±6	0.33	0.82
GA721-NFFSMM-500	500±5	0.29	0.78
GA721-NFFSMM-400	400±5	0.255	0.65
GA721-NFFSMM-300	300±5	0.22	0.54
GA721-NFFSMM-200	200±5	0.176	0.46
GA721-NFFSMM-100	100±5	0.138	0.35

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