



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

## Configuration

Connector 1 Type	N Male
Connector 1 Body Style	Straight
Body Material and Plating	Brass Nickel 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	GUT-141-Form-FEP

## Electrical Specifications

Impedance	50 $\Omega$
Frequency	DC to 6GHz
Return Loss/VSWR	1.35 to 6GHz
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	-45°C to +125°C
RoHS	Compliant

### Cable Specifications

Center Conductor	Silver plated copperweld
Dielectric	Solid PTFE
Jacket	FEP
Capacitance(pF/m)	95.1
Velocity of propagation(%)	70
Min. bending radius(mm)	10
Jacket Diameter(mm)	4.6±0.13

### Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)	
		3GHz	5GHz
GA722-NMSMF-1000	1000±10	0.48	1.11
GA722-NMSMF-800	800±8	0.41	0.93
GA722-NMSMF-600	600±6	0.33	0.75
GA722-NMSMF-500	500±5	0.29	0.655
GA722-NMSMF-400	400±5	0.255	0.56
GA722-NMSMF-300	300±5	0.22	0.47
GA722-NMSMF-260	260±5	0.198	0.436
GA722-NMSMF-200	200±5	0.176	0.382
GA722-NMSMF-100	100±5	0.138	0.291

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