



\* 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 Trimetal Plated
Connector 1 Mount Method	None
Connector 2 Type	SMA Male
Connector 2 Body Style	Straight
Body Material and Plating	Brass Trimetal Plated
Connector 2 Mount Method	None
Cable Type	GUT-141-Form-FEP

## Electrical Specifications

Impedance	50 $\Omega$
Frequency	DC to 18 GHz
Return Loss/VSWR	1.35 to 18 GHz
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
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)		
		5GHz	10GHz	18GHz
GA722-NMSMM-1000	1000±10	1.11	1.67	2.35
GA722-NMSMM-800	800±8	0.93	1.39	1.96
GA722-NMSMM-600	600±6	0.75	1.13	1.58
GA722-NMSMM-500	500±5	0.655	0.985	1.38
GA722-NMSMM-400	400±5	0.56	0.86	1.19
GA722-NMSMM-300	300±5	0.47	0.72	0.985
GA722-NMSMM-260	260±5	0.436	0.656	0.91
GA722-NMSMM-200	200±5	0.382	0.574	0.79
GA722-NMSMM-100	100±5	0.291	0.437	0.59

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