



\* 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	RG223 Series

## Electrical Specifications

Impedance	50 $\Omega$
Frequency	DC to 6 GHz
Return Loss/VSWR	1.15 to 1 GHz ,1.25 to 3 GHz,1.50 to 6 GHz
Phase Stability vs. Flexure	N/A
Amplitude Stability	N/A
Shielding Effectiveness	<-80dB @ 1GHz
Phase Matching	On Request
Signal Delay	On Request
Power Handling	200watt @ 0.1GHz at sea level,VSWR1.0

## Environmental Data

Temperature Range	-40°C to +85°C
2002/95/EC(RoHS)	Compliant

## Cable Specifications

Center Conductor	Silver plated copper
Dielectric	PE
Jacket	PVC
Capacitance(pF/m)	100
Velocity of propagation(%)	66
Min. bending radius(mm)	25
Jacket Diameter(mm)	5.40±0.10

## Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)		
		1GHz	2.5GHz	6GHz
GAR2-NMSMF-1000	1000±10	0.69	1.12	1.95
GAR2-NMSMF-1500	1500±15	0.92	1.45	2.85
GAR2-NMSMF-2000	2000±20	1.25	1.86	3.65

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