



\* 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	None
Connector 2 Type	TNC Male
Connector 2 Body Style	Straight
Body Material and Plating	Brass Nickel Plated
Connector 2 Mount Method	None
Cable Type	RG223 Series

## Electrical Specifications

Impedance	50 $\Omega$
Frequency	DC to 6 GHz
Return Loss/VSWR	1.35 to 3 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	Solid PTEE
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-NFTNCM-20000	20000±50	9.2	17.2	25.2
GAR2-NFTNCM-1000	1000±10	0.69	1.12	1.95
GAR2-NFTNCM-1500	1500±15	0.92	1.45	2.85
GAR2-NFTNCM-2000	2000±20	1.25	1.86	3.65

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.