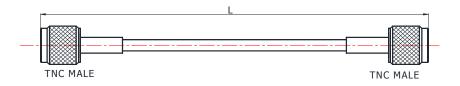
### CABLE ASSEMBLY DATASHEET



# RG223 SERIES, FLEXIBLE CABLE, TNC(MALE)- TNC(MALE)

## **GAR2-TNCMTNCM-XXX**



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

Configuration					
Connector 1 Type	TNC Male				
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 Ω				
Frequency	DC to 3 GHz				
Return Loss/VSWR	1.3 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				

Gwave	Techno	loav	Co.,	Ltd.
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#### CABLE ASSEMBLY DATASHEET



# RG223 SERIES, FLEXIBLE CABLE, TNC(MALE)- TNC(MALE)

# **GAR2-TNCMTNCM-XXX**

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-TNCMTNCM-20000	20000±50	9.2	17.2	25.2
GAR2-TNCMTNCM-1000	1000±10	0.69	1.12	1.95
GAR2-TNCMTNCM-1500	1500±15	0.92	1.45	2.85
GAR2-TNCMTNCM-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.

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