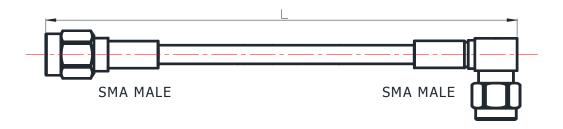
CABLE ASSEMBLY DATASHEET



RG223 SERIES, FLEXIBLE CABLE, SMA(MALE)- SMA(MALE)

GAR2-SMMSMWM-XXX



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

Configuration				
Connector 1 Type	SMA Male			
Connector 1 Body Style	Straight			
Body Material and Plating	Brass Gold Plated			
Connector 1 Mount Method	None			
Connector 2 Type	SMA Male			
Connector 2 Body Style	Right Angle			
Body Material and Plating	Brass Gold 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 Technology Co.,Ltd.

No.33 Building, Hanjiachuan Yard, Haidian District, Beijing China(100094) www.gwave-tech.com

Tel.: +86 10 62450051/52 Fax: +86 10 62450053 Email: gwave@gwave-tech.com Page

1/2

CABLE ASSEMBLY DATASHEET



RG223 SERIES, FLEXIBLE CABLE, SMA(MALE)- SMA(MALE)

GAR2-SMMSMWM-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
GAR2-SMMSMWM-200	200±10	0.35	0.48
GAR2-SMMSMWM-500	500±10	0.61	0.76
GAR2-SMMSMWM-1000	1000±10	0.75	1.02
GAR2-SMMSMWM-1500	1500±15	0.92	1.45
GAR2-SMMSMWM-2000	2000±20	1.25	1.86

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.

Gwave Technology Co.,Ltd.

No.33 Building,Hanjiachuan Yard,Haidian District,Beijing
China(100094) www.gwave-tech.com

Tel.: +86 10 62450051/52 Fax: +86 10 62450053 Email: gwave@gwave-tech.com Page

2/2