G223 SERIES, FLEXIBLE CA	BLE,		
N(MALE)- QMA(MALE)	·	GAR2-NMQMA-XXX	
N MALE	L	QMA MALE	
el and Shrinking tube design depend Configuration	1 on custome	r's request.	
Connector 1 Type	N Male		
Connector 1 Body Style	Straigh	ıt	
Body Material and Plating	Brass	Nickel Plated	
Connector 1 Mount Method	None		
Connector 2 Type	QMA Male		
Connector 2 Body Style	Straight		
Body Material and Plating	Brass Nickel Plated		
Connector 2 Mount Method	None		
Cable Type	RG223	Series	
Electrical Specificati	ons		
Impedance	50 Ω	50 Ω	
Frequency	DC to	DC to 6 GHz	
Return Loss/VSWR	1.25 to 3 GHz		
Phase Stability vs. Flexure	N/A		
Amplitude Stability	N/A		
Shielding Effectiveness	<-80dB @ 1GHz		
	On Request		
Phase Matching		On Request	
Signal Delay		•	
		quest tt @ 0.1GHz at sea level,VSWR1.0	
Signal Delay		•	
Signal Delay Power Handling	200wa	•	
Signal Delay Power Handling Environmental Data	200wa	tt @ 0.1GHz at sea level,VSWR1.0 to +85°C	
Signal Delay Power Handling Environmental Data Temperature Range	200wa -40°C	tt @ 0.1GHz at sea level,VSWR1.0 to +85°C	

CABLE ASSEMBLY DATASHEET

RG223 SERIES, FLEXIBLE CABLE, N(MALE)- QMA(MALE)

<u>Gwave</u>

GAR2-NMQMA-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-NMQMAM-1000	1000±10	0.69	1.12	1.95
GAR2-NMQMAM-1500	1500±15	0.92	1.45	2.85
GAR2-NMQMAM-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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