



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

Configuration

Connector 1 Type	BNC 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 Ω
Frequency	DC to 3 GHz
Return Loss/VSWR	1.20 to 1 GHz ,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
GAR2-BNCMSMF-1000	1000±10	0.69	1.12
GAR2-BNCMSMF-1500	1500±15	0.92	1.45
GAR2-BNCMSMF-2000	2000±20	1.25	1.86

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