



* 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 Nickel Plated
Connector 1 Mount Method	None
Connector 2 Type	SMA Male
Connector 2 Body Style	Straight
Body Material and Plating	Brass Nickel Plated
Connector 2 Mount Method	None
Cable Type	LMR400
Electrical Specifications	
Impedance	50 Ω
Frequency	DC to 3 GHz
Return Loss/VSWR	1.25 to 3 GHz
Phase Stability vs. Flexure	N/A
Amplitude Stability	N/A
Shielding Effectiveness	<-90dB @ 1GHz
Phase Matching	On request
Signal Delay	On request
Power Handling	330watt @ 2.5GHz at sea level,VSWR1.0
Environmental Data	
Temperature Range	-40°C to +85°C
2002/95/EC(RoHS)	Compliant

Cable Specifications

Center Conductor	Bare Copper, solid
Dielectric	PE
Jacket	PE
Capacitance(pF/m)	78.4
Velocity of propagation(%)	85
Min. bending radius(mm)	25.4
Jacket Diameter(mm)	10.29

Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)			
		0.5GHz	1GHz	2GHz	3GHz
GAN9R-SMMSMM-40000	40000±100	3.99	5.78	7.94	10.4
GAN9R-SMMSMM-35000	35000±100	3.52	4.98	7.22	8.97
GAN9R-SMMSMM-20000	20000±500	2.12	2.95	4.12	5.33
GAN9R-SMMSMM-10000	10000±30	0.98	1.45	2.08	2.73
GAN9R-SMMSMM-3000	3000±30	0.34	0.52	0.69	0.92
GAN9R-SMMSMM-2500	2500±25	0.29	0.45	0.59	0.79
GAN9R-SMMSMM-2000	2000±20	0.25	0.38	0.48	0.66

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