



* 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	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	1.3 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
2011/65/EU(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 $\leq$ (dB)			
		0.5GHz	1GHz	2GHz	3GHz
GAN9C-TNCMSMM-90000	90000 $\pm$ 450	11.24	13.45	18.40	23.53
GAN9C-TNCMSMM-40000	40000 $\pm$ 200	4.40	5.78	7.94	10.4
GAN9C-TNCMSMM-35000	35000 $\pm$ 175	3.52	4.98	7.22	8.97
GAN9C-TNCMSMM-20000	20000 $\pm$ 100	2.12	2.95	4.12	5.33
GAN9C-TNCMSMM-10000	10000 $\pm$ 50	0.98	1.45	2.08	2.73
GAN9C-TNCMSMM-3000	3000 $\pm$ 10	0.34	0.52	0.69	0.92
GAN9C-TNCMSMM-2500	2500 $\pm$ 10	0.29	0.45	0.59	0.79
GAN9C-TNCMSMM-2000	2000 $\pm$ 10	0.25	0.38	0.48	0.66

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