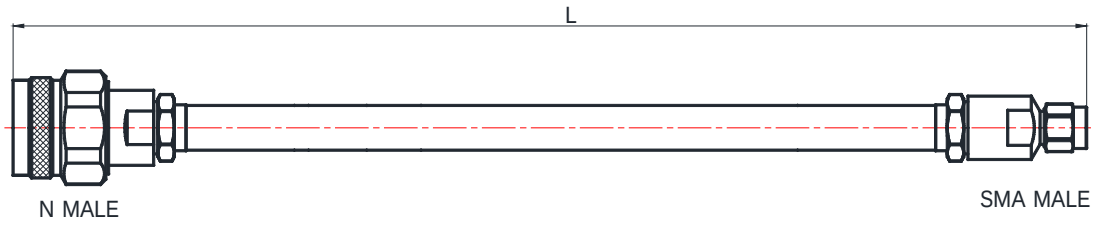
CABLE ASSEMBLY DATASHEET	Gwave
311A SERIES,FLEXIBLE CABLE , N(MALE)- SMA(MALE)	**GAA2-NMSMM-XXX**



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

Configuration

Connector 1 Type	N Male
Connector 1 Body Style	Straight
Body Material and Plating	Passivated Staindless Steel
Connector 1 Mount Method	None
Connector 2 Type	SMA Male
Connector 2 Body Style	Straight
Body Material and Plating	Passivated Staindless Steel
Connector 2 Mount Method	None
Cable Type	GT311A

Electrical Specifications

Impedance	50 Ω
Frequency	DC to 18 GHz
Return Loss/VSWR	1.30 to 18 GHz
Phase Stability vs. Flexure	5° @ 18GHz
Shielding Effectiveness	<-100dB @ 1GHz
Phase Matching	On Request
Signal Delay	On Request
Power Handling	780watt @ 5GHz at sea level,VSWR1.0

Environmental Data

Temperature Range	-45°C to +125°C
RoHS	Compliant

Cable Specifications

Center Conductor	Silver plated copper
Dielectric	Low Density PTFE
Jacket	FEP
Capacitance(pF/m)	80.4
Velocity of propagation(%)	83
Min. bending radius(mm)	31.75
Jacket Diameter(mm)	7.9
Weight(kg/100m)	13.78

Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)			
		3GHz	6GHz	10GHz	18GHz
GAA2-NMSMM-12000	12000±30	3.29	4.73	6.21	8.53
GAA2-NMSMM-10000	10000±30	2.77	3.98	5.22	7.17
GAA2-NMSMM-8000	8000±30	2.25	3.23	4.23	5.81
GAA2-NMSMM-6000	6000±30	1.73	2.48	3.25	4.45
GAA2-NMSMM-5000	5000±30	1.48	2.11	2.75	3.78
GAA2-NMSMM-3000	3000±30	0.94	1.35	1.77	2.42
GAA2-NMSMM-2000	2000±20	0.68	0.98	1.27	1.74
GAA2-NMSMM-1500	1500±15	0.55	0.79	1.03	1.39
GAA2-NMSMM-1200	1200±12	0.47	0.67	0.88	1.19
GAA2-NMSMM-1000	1000±10	0.42	0.59	0.8	1.06
GAA2-NMSMM-600	600±10	0.32	0.45	0.58	0.79
GAA2-NMSMM-500	500±10	0.29	0.41	0.53	0.73