



\* 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	311A Series

## Electrical Specifications

Impedance	50 $\Omega$
Frequency	DC to 18 GHz
Return Loss/VSWR	1.25 to 18GHz
Phase Stability vs. Flexure	5°@ 18GHz
Amplitude Stability	N/A
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	-40°C to +165°C
2002/95/EC(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)	7.90±0.13

### Armor Specifications

Armor Type	Stainless Steel Interlocked Hose
Min. bending radius(mm)	50.8
Diameter(mm)	9.5

### Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)			
		3GHz	6GHz	10GHz	18GHz
GAA2-NMSMM-12000A2	12000±30	3.29	4.73	6.21	8.53
GAA2-NMSMM-10000A2	10000±30	2.77	3.98	5.22	7.17
GAA2-NMSMM-8000A2	8000±30	2.25	3.23	4.23	5.81
GAA2-NMSMM-6000A2	6000±30	1.73	2.48	3.25	4.45
GAA2-NMSMM-3000A2	3000±30	0.94	1.35	1.77	2.42
GAA2-NMSMM-2000A2	2000±20	0.68	0.98	1.27	1.74
GAA2-NMSMM-1500A2	1500±15	0.55	0.79	1.03	1.39
GAA2-NMSMM-1200A2	1200±12	0.47	0.67	0.88	1.19
GAA2-NMSMM-1000A2	1000±10	0.42	0.59	0.8	1.06
GAA2-NMSMM-600A2	600±10	0.32	0.45	0.58	0.79
GAA2-NMSMM-500A2	500±10	0.29	0.41	0.53	0.73

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