



\* 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	210B Series

## Electrical Specifications

Impedance	50 $\Omega$
Frequency	DC to 18 GHz
Return Loss/VSWR	1.25 to 18 GHz
Phase Stability vs. Flexure	2°@ 18GHz
Amplitude Stability	N/A
Shielding Effectiveness	<-100dB @ 1GHz
Phase Matching	On request
Signal Delay	On request
Power Handling	380watt @ 5GHz at sea level,VSWR1.0

## Environmental Data

Temperature Range	-40°C to +80°C
2002/95/EC(RoHS)	Compliant

**Cable Specifications**

Center Conductor	Silver plated copper
Dielectric	Low Density PTFE
Jacket	FEP
Capacitance(pF/m)	86
Velocity of propagation(%)	77
Min. bending radius(mm)	9.65
Jacket Diameter(mm)	5.33±0.13

**Armor Specifications**

Armor Type	Stainless Steel Interlocked Hose With Polyurethane Jacket
Min. bending radius(mm)	44.0
Diameter(mm)	10

**Part Number List**

Part Number	Length [mm]	Insertion Loss ≤(dB)			
		3GHz	6GHz	10GHz	18GHz
GAU8-NMSMM-12000A4	12000±30	7.39	10.72	14.19	19.76
GAU8-NMSMM-10000A4	10000±30	6.18	8.97	11.87	16.53
GAU8-NMSMM-8000A4	8000±30	4.98	7.22	9.56	13.30
GAU8-NMSMM-6000A4	6000±30	3.77	5.47	7.24	10.07
GAU8-NMSMM-3000A4	3000±30	1.97	2.85	3.76	5.23
GAU8-NMSMM-2000A4	2000±20	1.36	1.97	2.61	3.62
GAU8-NMSMM-1500A4	1500±15	1.06	1.54	2.03	2.81
GAU8-NMSMM-1200A4	1200±12	0.88	1.27	1.68	2.32
GAU8-NMSMM-1000A4	1000±10	0.758	1.09	1.45	1.99
GAU8-NMSMM-600A4	600±10	0.517	0.745	0.98	1.35
GAU8-NMSMM-500A4	500±10	0.457	0.658	0.864	1.19

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.