



\* 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	N Female
Connector 2 Body Style	Straight
Body Material and Plating	Passivated Staindless Steel
Connector 2 Mount Method	None
Cable Type	205A Series

### Electrical Specifications

Impedance	50 $\Omega$
Frequency	DC to 18 GHz
Return Loss/VSWR	1.3 to 18 GHz
Phase Stability vs. Flexure	1°@ 10GHz, 2°@ 18GHz,
Amplitude Stability	N/A
Shielding Effectiveness	<-100dB @ 1GHz
Phase Matching	On request
Signal Delay	On request
Power Handling	350watt @ 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)	80.4
Velocity of propagation(%)	83
Min. bending radius(mm)	6.35
Jacket Diameter(mm)	5.21±0.13

**Armor Specifications**

Armor Type	Polyurethane Jacket Over Braid Stainless Steel Spiral (Blue)
Min. bending radius(mm)	25.4
Diameter(mm)	10.8

**Part Number List**

Part Number	Length [mm]	Insertion Loss ≤(dB)			
		3GHz	6GHz	10GHz	18GHz
GAA3-NMNF-12000A1	12000±30	4.99	7.13	9.31	12.69
GAA3-NMNF-10000A1	10000±30	4.18	5.98	7.81	10.64
GAA3-NMNF-8000A1	8000±30	3.38	4.83	6.29	8.58
GAA3-NMNF-6000A1	6000±30	2.58	3.68	4.79	6.53
GAA3-NMNF-3000A1	3000±30	1.37	1.96	2.54	3.46
GAA3-NMNF-2000A1	2000±20	0.96	1.37	1.79	2.43
GAA3-NMNF-1500A1	1500±15	0.76	1.08	1.42	1.92
GAA3-NMNF-1200A1	1200±12	0.64	0.911	1.19	1.61
GAA3-NMNF-1000A1	1000±10	0.56	0.796	1.04	1.41
GAA3-NMNF-600A1	600±10	0.397	0.566	0.736	0.997
GAA3-NMNF-500A1	500±10	0.357	0.51	0.66	0.894

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