



\* 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 Male
Connector 2 Body Style	Straight
Body Material and Plating	Passivated Staindless Steel
Connector 2 Mount Method	None
Cable Type	402 Series

### Electrical Specifications

Impedance	50 $\Omega$
Frequency	DC to 18 GHz
Return Loss/VSWR	1.25 to 12.4 GHz ,1.35 to 18 GHz
Phase Stability vs. Flexure	N/A
Amplitude Stability	N/A
Shielding Effectiveness	<-100dB @ 1GHz
Phase Matching	On request
Signal Delay	On request
Power Handling	160watt @ 6GHz at sea level,VSWR1.0

### Environmental Data

Temperature Range	-40°C to +125°C
2002/95/EC(RoHS)	Compliant

**Cable Specifications**

Center Conductor	Silver plated copper
Dielectric	Solid PTFE
Jacket	FEP
Capacitance(pF/m)	96.1
Velocity of propagation(%)	70
Min. bending radius(mm)	12.7
Jacket Diameter(mm)	4.12±0.13

**Part Number List**

Part Number	Length [mm]	Insertion Loss ≤(dB)			
		1GHz	5GHz	10GHz	18GHz
GAF72-NMNM-10000	10000±50	4.3	10.5	15.9	22.8
GAF72-NMNM-6000	6000±30	2.48	5.66	8.52	12.04
GAF72-NMNM-5000	5000±30	2.05	4.75	7.15	10.15
GAF72-NMNM-4000	4000±30	1.62	3.84	5.78	8.22
GAF72-NMNM-3000	3000±30	1.24	2.93	4.41	6.25
GAF72-NMNM-2000	2000±20	0.86	2.02	3.04	4.64
GAF72-NMNM-1800	1800±10	0.78	1.85	2.85	4.35
GAF72-NMNM-1000	1000±10	0.48	1.11	1.67	2.35
GAF72-NMNM-800	800±8	0.41	0.93	1.39	1.96
GAF72-NMNM-500	500±5	0.29	0.655	0.985	1.38
GAF72-NMNM-300	300±5	0.22	0.47	0.72	0.985
GAF72-NMNM-100	100±5	0.138	0.291	0.437	0.59

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