



* 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	Brass Nickel Plated
Connector 1 Mount Method	None
Connector 2 Type	N Female
Connector 2 Body Style	Straight
Body Material and Plating	Brass Nickel Plated
Connector 2 Mount Method	None
Cable Type	Flexiform 402 NM

Electrical Specifications

Impedance	50 Ω
Frequency	DC to 12.7 GHz
Return Loss/VSWR	1.3 to 6 GHz
Shielding Effectiveness	<-130dB @ 1GHz
Phase Matching	On Request
Signal Delay	On Request
Power Handling	419Watt @ 1GHz at Sea Level,VSWR1.0

Environmental Data

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

Cable Specifications

Center Conductor	SPCW
Dielectric	PTFE
Jacket	Copper
Capacitance(pF/m)	94
Velocity of propagation(%)	70
Min. bending radius(mm)	10
Jacket Diameter(mm)	3.6
Weight(kg/100m)	4.1

Part Number List

Part Number	Length [mm]	Insertion Loss \leq (dB)		
		1GHz	5GHz	10GHz
GA721-NMNF-1000	1000 \pm 10	0.48	1.11	1.67
GA721-NMNF-800	800 \pm 10	0.41	0.93	1.39
GA721-NMNF-600	600 \pm 10	0.33	0.75	1.13
GA721-NMNF-500	500 \pm 10	0.29	0.655	0.985
GA721-NMNF-400	400 \pm 10	0.255	0.56	0.86
GA721-NMNF-300	300 \pm 10	0.22	0.47	0.72
GA721-NMNF-200	200 \pm 5	0.176	0.382	0.574
GA721-NMNF-100	100 \pm 5	0.138	0.291	0.437

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.