



* Label and Shrinking tube design depend on customer's request.

Configuration

Connector 1 Type	N Female
Connector 1 Body Style	Straight
Body Material and Plating	Brass Nickel Plated
Connector 1 Mount Method	None
Connector 2 Type	SMA Male
Connector 2 Body Style	Straight
Body Material and Plating	Passivated Stainless Steel
Connector 2 Mount Method	None
Cable Type	Flexiform 402 NM

Electrical Specifications

Impedance	50 Ω
Frequency	DC to 12.7 GHz
Return Loss/VSWR	1.35 to 12.7 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	Silver plated copper
Dielectric	Solid extruded PTFE
Outer Conductor	Tin Plated Braid
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-NFSMM-1000	1000 \pm 10	0.48	1.11	1.67
GA721-NFSMM-800	800 \pm 10	0.41	0.93	1.39
GA721-NFSMM-600	600 \pm 10	0.33	0.75	1.13
GA721-NFSMM-500	500 \pm 10	0.29	0.655	0.985
GA721-NFSMM-400	400 \pm 10	0.255	0.56	0.86
GA721-NFSMM-300	300 \pm 10	0.22	0.47	0.72
GA721-NFSMM-200	200 \pm 5	0.176	0.382	0.574
GA721-NFSMM-100	100 \pm 5	0.138	0.291	0.437

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