



* 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	UT-141A
Electrical Specifications	
Impedance	50 Ω
Frequency	DC to 12.7 GHz
Return Loss/VSWR	1.35
Shielding Effectiveness	<-130dB @ 1GHz
Phase Matching	On Request
Signal Delay	On Request
Power Handling	450Watt @ 1GHz at Sea Level,VSWR1.0
Environmental Data	
Temperature Range	-45°C to +125°C
RoHS	Compliant

Cable Specifications

Center Conductor	SPCW
Dielectric	PTFE
Outer Conductor	Copper
Capacitance(pF/m)	95.2
Velocity of propagation(%)	70
Min. bending radius(mm)	10
Jacket Diameter(mm)	3.6
Weight(kg/100m)	4.94

Part Number List

Part Number	Length [mm]	Insertion Loss \leq (dB)		
		1GHz	5GHz	10GHz
GA720-NFSMM-1000	1000 \pm 10	0.48	1.11	1.67
GA720-NFSMM-800	800 \pm 10	0.41	0.93	1.39
GA720-NFSMM-600	600 \pm 10	0.33	0.75	1.13
GA720-NFSMM-500	500 \pm 10	0.29	0.655	0.985
GA720-NFSMM-400	400 \pm 10	0.255	0.56	0.86
GA720-NFSMM-300	300 \pm 10	0.22	0.47	0.72
GA720-NFSMM-200	200 \pm 5	0.176	0.382	0.574
GA720-NFSMM-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.