



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

## Configuration

Connector 1 Type	SMA Male
Connector 1 Body Style	Straight
Body Material and Plating	Passivated Stainless Steel
Connector 1 Mount Method	4 Hole Flange
Connector 2 Type	SMA Female
Connector 2 Body Style	Straight
Body Material and Plating	Brass Gold Plated
Connector 2 Mount Method	4 Hole Flange
Cable Type	Flexiform 402 NM

## Electrical Specifications

Impedance	50 $\Omega$
Frequency	DC to 18 GHz
Return Loss/VSWR	1.35 to 18 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 ≤(dB)			
		1GHz	5GHz	10GHz	18GHz
GA721-SMFFSMFF-1000	1000±10	0.48	1.11	1.67	2.35
GA721-SMFFSMFF-800	800±10	0.41	0.93	1.39	1.96
GA721-SMFFSMFF-600	600±10	0.33	0.75	1.13	1.58
GA721-SMFFSMFF-500	500±10	0.29	0.655	0.985	1.38
GA721-SMFFSMFF-400	400±10	0.255	0.56	0.86	1.19
GA721-SMFFSMFF-300	300±10	0.22	0.47	0.72	0.985
GA721-SMFFSMFF-200	200±5	0.176	0.382	0.574	0.79
GA721-SMFFSMFF-100	100±5	0.138	0.291	0.437	0.59

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