



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

<b>Configuration</b>	
Connector 1 Type	SMA Female
Connector 1 Body Style	Straight
Body Material and Plating	Brass Gold Plated
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	GUT-141-Form
<b>Electrical Specifications</b>	
Impedance	50 Ω
Frequency	DC to 18 GHz
Return Loss/VSWR	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	182Watt @ 5GHz at Sea Level,VSWR1.0
<b>Environmental Data</b>	
Temperature Range	-40°C to +125°C
2002/95/EC(RoHS)	Compliant

## Cable Specifications

Center Conductor	Silver plated copperweld
Dielectric	Solid PTFE
Outer Conductor	Tin-soaked copper Coverge100%
Capacitance(pF/m)	95.1
Velocity of propagation(%)	70
Min. bending radius(mm)	10
Jacket Diameter(mm)	3.58±0.05

## Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)			
		1GHz	5GHz	10GHz	18GHz
GA721-SMFFSMFF-7000	7000±30	2.76	6.87	10.49	14.65
GA721-SMFFSMFF-1000	1000±10	0.48	1.11	1.67	2.35
GA721-SMFFSMFF-800	800±8	0.41	0.93	1.39	1.96
GA721-SMFFSMFF-600	600±6	0.33	0.75	1.13	1.58
GA721-SMFFSMFF-500	500±5	0.29	0.655	0.985	1.38
GA721-SMFFSMFF-400	400±5	0.255	0.56	0.86	1.19
GA721-SMFFSMFF-300	300±5	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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