



* 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	None
Connector 2 Type	SMA Male
Connector 2 Body Style	Right Angle
Body Material and Plating	Brass Gold Plated
Connector 2 Mount Method	None
Cable Type	Flexiform 402 NM FJ

Electrical Specifications

Impedance	50 Ω
Frequency	DC to 12.7 GHz
Return Loss/VSWR	1.25
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	SPC
Dielectric	PTFE
Jacket	FEP, Blue
Capacitance(pF/m)	94
Velocity of propagation(%)	70
Min. bending radius(mm)	10
Jacket Diameter(mm)	4.1
Weight(kg/100m)	4.8

Part Number List

Part Number	Length [mm]	Insertion Loss \leq (dB)	
		1GHz	5GHz
GA722-SMMSMWM-1000	1000 \pm 10	0.48	1.11
GA722-SMMSMWM-800	800 \pm 8	0.41	0.93
GA722-SMMSMWM-600	600 \pm 6	0.33	0.75
GA722-SMMSMWM-500	500 \pm 5	0.29	0.655
GA722-SMMSMWM-400	400 \pm 5	0.255	0.56
GA722-SMMSMWM-300	300 \pm 5	0.22	0.47
GA722-SMMSMWM-260	260 \pm 5	0.198	0.436
GA722-SMMSMWM-200	200 \pm 5	0.176	0.382
GA722-SMMSMWM-100	100 \pm 5	0.138	0.291

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.