



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

## Configuration

Connector 1 Type	SMA Male
Connector 1 Body Style	Right Angle
Body Material and Plating	Brass Gold Plated
Connector 1 Mount Method	None
Connector 2 Type	SMA Female
Connector 2 Body Style	Straight
Body Material and Plating	Brass Gold Plated
Connector 2 Mount Method	None
Cable Type	GUT-141-Form-FEP

## Electrical Specifications

Impedance	50 $\Omega$
Frequency	DC to 12 GHz
Return Loss/VSWR	1.3 to 6 GHz
Shielding Effectiveness	<-100dB @ 1GHz
Phase Matching	On Request
Signal Delay	On Request
Power Handling	182watt @ 5GHz at sea level,VSWR1.0

## Environmental Data

Temperature Range	-45°C to +125°C
RoHS	Compliant

### Cable Specifications

Center Conductor	Silver plated copperweld
Dielectric	Solid PTFE
Jacket	FEP
Capacitance(pF/m)	95.1
Velocity of propagation(%)	70
Min. bending radius(mm)	10
Jacket Diameter(mm)	4.6±0.13

### Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)	
		3GHz	5GHz
GA722-SMWMSMF-1000	1000±10	1.33	1.92
GA722-SMWMSMF-500	500±10	0.785	0.95
GA722-SMWMSMF-300	300±10	0.53	0.65
GA722-SMWMSMF-200	200±5	0.404	0.51
GA722-SMWMSMF-100	100±5	0.27	0.35

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