



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

## Configuration

Connector 1 Type	SMA Female
Connector 1 Body Style	Straight
Body Material and Plating	Brass Gold Plated
Connector 1 Mount Method	None
Connector 2 Type	SSMA Male
Connector 2 Body Style	Straight
Body Material and Plating	Brass Gold Plated
Connector 2 Mount Method	None
Cable Type	Flexiform 405 FJ

## Electrical Specifications

Impedance	50 $\Omega$
Frequency	DC to 26.5 GHz
Return Loss/VSWR	1.35 to 18 GHz
Shielding Effectiveness	<-125dB @ 1GHz
Phase Matching	On Request
Signal Delay	On Request
Power Handling	157Watt @ 1GHz at Sea Level,VSWR1.0

## Environmental Data

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

### Cable Specifications

Center Conductor	Silver plated copper covered steel
Dielectric	PTFE
Jacket	FEP, Blue-transparent
Capacitance(pF/m)	94
Velocity of propagation(%)	71
Min. bending radius(mm)	6
Jacket Diameter(mm)	2.5
Weight(kg/100m)	2.2

### Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)	
		3GHz	5GHz
GA712-SMFSSMAM-1000	1000±10	1.33	1.92
GA712-SMFSSMAM-500	500±10	0.785	0.95
GA712-SMFSSMAM-300	300±10	0.53	0.65
GA712-SMFSSMAM-200	200±5	0.404	0.51
GA712-SMFSSMAM-100	100±5	0.27	0.35

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