



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

## Configuration

Connector 1 Type	SMB 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	RG174

## Electrical Specifications

Impedance	50 $\Omega$
Frequency	DC to 1 GHz
Return Loss/VSWR	1.25 to 1 GHz
Phase Stability vs. Flexure	N/A
Amplitude Stability	N/A
Shielding Effectiveness	<-80dB @ 1GHz
Phase Matching	N/A
Signal Delay	N/A
Power Handling	88watt @ 1.5GHz at sea level,VSWR1.0

## Environmental Data

Temperature Range	-25°C to +70°C
2002/95/EC(RoHS)	Compliant

**Cable Specifications**

Center Conductor	Copper
Dielectric	PE
Jacket	PVC
Capacitance(pF/m)	101.05
Velocity of propagation(%)	66
Min. bending radius(mm)	10
Jacket Diameter(mm)	2.79

**Part Number List**

Part Number	Length [mm]	Insertion Loss ≤(dB)
		1GHz
GAS1-SMBFSSMAM-1000	1000±10	1.05
GAS1-SMBFSSMAM-500	500±10	0.65

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