	HEET <b>GWave</b>
RG174, FLEXIBLE CABLE SMB(FEMALE)- SSMA(MA	
	L
SMB Female	SSMA Male
bel and Shrinking tube design depend	d 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 Specificat	tions
Impedance	50 Ω
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	a
Temperature Range	-25°C to +70°C
2002/95/EC(RoHS)	Compliant

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#### RG174, FLEXIBLE CABLE , SMB(FEMALE)- SSMA(MALE)

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## GAS1-SMBFSSMAM-XXX

### **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

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.

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