

RG316,FLEXIBLE CABLE ,  
SMA(MALE)- SSMB(FEMALE)**GAR3-SMMSSMBF-XXX**

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

<b>Configuration</b>	
Connector 1 Type	SMA Male
Connector 1 Body Style	Straight
Body Material and Plating	Brass Gold Plated
Connector 1 Mount Method	None
Connector 2 Type	SSMB Female
Connector 2 Body Style	Straight
Body Material and Plating	Brass Gold Plated
Connector 2 Mount Method	None
Cable Type	RG316
<b>Electrical Specifications</b>	
Impedance	50 $\Omega$
Frequency	DC to 3 GHz
Return Loss/VSWR	1.35
Shielding Effectiveness	<-60dB @ 1GHz
Power Handling	88watt @ 1.5GHz at sea level,VSWR1.0
<b>Environmental Data</b>	
Temperature Range	-45°C to +125°C
RoHS	Compliant

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SMA(MALE)- SSMB(FEMALE)**GAR3-SMMSSMBF-XXX****Cable Specifications**

Center Conductor	Silver plated copper
Dielectric	Solid extruded PTFE
Outer Conductor	FEP
Capacitance(pF/m)	94
Velocity of propagation(%)	70
Min. bending radius(mm)	15
Jacket Diameter(mm)	2.45
Weight(kg/100m)	1.5

**Part Number List**

Part Number	Length [mm]	Insertion Loss ≤(dB)	
		1GHz	3GHz
GAR3-SMMSSMBF-5000	5000±20	4.65	7.85
GAR3-SMMSSMBF-2000	2000±20	1.95	3.25
GAR3-SMMSSMBF-1000	1000±10	1.05	1.75
GAR3-SMMSSMBF-500	500±10	0.65	1.04

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