



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

### Configuration

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	SMB Female
Connector 2 Body Style	Right Angle
Body Material and Plating	Brass Gold Plated
Connector 2 Mount Method	None
Cable Type	RG316 Series

### Electrical Specifications

Impedance	50 $\Omega$
Frequency	DC to 3 GHz
Return Loss/VSWR	1.3 to 3 GHz
Phase Stability vs. Flexure	N/A
Amplitude Stability	N/A
Shielding Effectiveness	<-80dB @ 1GHz
Phase Matching	On request
Signal Delay	On request
Power Handling	88watt @ 1.5GHz at sea level,VSWR1.0

### Environmental Data

Temperature Range	-40°C to +165°C
2002/95/EC(RoHS)	Compliant

**Cable Specifications**

Center Conductor	Silver plated copper
Dielectric	Solid extruded PTFE
Jacket	FEP
Capacitance(pF/m)	94
Velocity of propagation(%)	70
Min. bending radius(mm)	15
Jacket Diameter(mm)	2.54

**Part Number List**

Part Number	Length [mm]	Insertion Loss $\leq$ (dB)	
		1GHz	3GHz
GAR3-SMMSMBWF-5000	5000 $\pm$ 20	4.65	7.85
GAR3-SMMSMBWF-2000	2000 $\pm$ 10	1.95	3.25
GAR3-SMMSMBWF-1000	1000 $\pm$ 10	1.05	1.75
GAR3-SMMSMBWF-500	500 $\pm$ 10	0.65	1.04

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