316 SERIES, FLEXIBLE CA SMA(MALE)- SMA(MALE)	ABLE,	GAR3-SMWMSMWM-XX		
	L			
SMA Male		SMA Male		
el and Shrinking tube design deper	nd on custome	r's request.		
		·		
Configuration				
Connector 1 Type	SMA M	lale		
Connector 1 Body Style	Right	Angle		
Body Material and Plating	Brass	Gold Plated		
Connector 1 Mount Method	None			
Connector 2 Type	SMA M	lale		
Connector 2 Body Style	Right	Angle		
Body Material and Plating	Brass Gold Plated			
Connector 2 Mount Method	None			
Cable Type	RG316	RG316 Series		
Electrical Specificat	ions			
Impedance	50 Ω			
Frequency	DC to	C to 3 GHz		
Return Loss/VSWR	1.3 to	1.3 to 3 GHz		
Phase Stability vs. Flexure	N/A			
Amplitude Stability	N/A			
Shielding Effectiveness	<-60dB @ 1GHz			
	On request			
Phase Matching	On request			
Phase Matching Signal Delay	On red	uest		
		t @ 1.5GHz at sea level,VSWR1.0		
Signal Delay Power Handling	88wat	•		
Signal Delay Power Handling Environmental Data	88wat	t @ 1.5GHz at sea level,VSWR1.0		
Signal Delay Power Handling Environmental Data Temperature Range	88wat	t @ 1.5GHz at sea level,VSWR1.0 to +125°C		
Signal Delay Power Handling Environmental Data	88wat	t @ 1.5GHz at sea level,VSWR1.0 to +125°C		

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CABLE ASSEMBLY DATASHEET

RG316 SERIES, FLEXIBLE CABLE, SMA(MALE)- SMA(MALE)

Gwave

GAR3-SMWMSMWM-XXX

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 ≤(dB)		
		1GHz	3GHz	
GAR3-SMWMSMWM-5000	5000±20	4.65	7.85	
GAR3-SMWMSMWM-2000	2000±10	1.95	3.25	
GAR3-SMWMSMWM-1000	1000±10	1.05	1.75	
GAR3-SMWMSMWM-500	500±10	0.65	1.04	

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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