RG316 SERIES, FLEXIBLE CABLE			
SSMC(FEMALE)- SSMCB(FEMA			
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SSMC Female	SSMB Female		
el en d Chuisline tales design des and	and a state of the second		
el and Shrinking tube design depend	on customer's request.		
Configuration			
Connector 1 Type	SSMC Female		
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 Series		
Electrical Specification	ons		
Impedance	50 Ω		
	DC to 3 GHz		
Frequency	1.50 to 3 GHz		
Frequency Return Loss/VSWR	1.50 to 3 GHz		
	1.50 to 3 GHz N/A		
Return Loss/VSWR			
Return Loss/VSWR Phase Stability vs. Flexure	N/A		
Return Loss/VSWR Phase Stability vs. Flexure Amplitude Stability	N/A N/A		
Return Loss/VSWR Phase Stability vs. Flexure Amplitude Stability Shielding Effectiveness	N/A N/A <-70dB @ 1GHz		
Return Loss/VSWR Phase Stability vs. Flexure Amplitude Stability Shielding Effectiveness Phase Matching	N/A N/A <-70dB @ 1GHz		
Return Loss/VSWR Phase Stability vs. Flexure Amplitude Stability Shielding Effectiveness Phase Matching Signal Delay Power Handling	N/A N/A <-70dB @ 1GHz		
Return Loss/VSWR Phase Stability vs. Flexure Amplitude Stability Shielding Effectiveness Phase Matching Signal Delay Power Handling Environmental Data	N/A N/A <-70dB @ 1GHz		
Return Loss/VSWRPhase Stability vs. FlexureAmplitude StabilityShielding EffectivenessPhase MatchingSignal DelayPower HandlingEnvironmental DataTemperature Range	N/A N/A <-70dB @ 1GHz		
Return Loss/VSWR Phase Stability vs. Flexure Amplitude Stability Shielding Effectiveness Phase Matching Signal Delay Power Handling Environmental Data	N/A N/A <-70dB @ 1GHz		
Return Loss/VSWRPhase Stability vs. FlexureAmplitude StabilityShielding EffectivenessPhase MatchingSignal DelayPower HandlingEnvironmental DataTemperature Range	N/A N/A <-70dB @ 1GHz		
Return Loss/VSWRPhase Stability vs. FlexureAmplitude StabilityShielding EffectivenessPhase MatchingSignal DelayPower HandlingEnvironmental DataTemperature Range	N/A N/A <-70dB @ 1GHz		

RG316 SERIES, FLEXIBLE CABLE, SSMC(FEMALE)- SSMCB(FEMALE)

Gwave

GAR3-SSMCFSSMBF-XXX

Cable Specifications

Center Conductor	Silver plated copper
Dielectric	Solid PTEE
Jacket	FEP
Capacitance(pF/m)	94
Velocity of propagation(%)	70
Min. bending radius(mm)	15
Jacket Diameter(mm)	2.56±0.13

Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)	
		1GHz	3GHz
GAR3-SSMCFSSMBF-5000	5000±20	4.65	7.85
GAR3-SSMCFSSMBF-2000	2000±10	1.95	3.25
GAR3-SSMCFSSMBF-1000	1000±10	1.05	1.75
GAR3-SSMCFSSMBF-500	500±10	0.65	1.04
GAR3-SSMCFSSMBF-250	250±10	0.50	0.81
GAR3-SSMCFSSMBF-200	200±10	0.47	0.74
GAR3-SSMCFSSMBF-120	120±10	0.28	0.44

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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