	EET <b>GWave</b>
G316 SERIES, FLEXIBLE CA MMCX(MALE)- MMCX(M/	
MMCX Male	L MMCX Male
bel and Shrinking tube design depen Configuration	nd on customer's request.
Connector 1 Type	MMCX Male
Connector 1 Body Style	Straight
Body Material and Plating	Brass Gold Plated
Connector 1 Mount Method	None
Connector 2 Type	MMCX Male
Connector 2 Body Style	Straight
Body Material and Plating	Brass Gold Plated
Connector 2 Mount Method	None
Cable Type	RG316 Series
Electrical Specificati	ions
	50 Ω
Impedance	DC to 3 GHz
Impedance Frequency	
•	1.3 to 3 GHz
Frequency	
Frequency Return Loss/VSWR	1.3 to 3 GHz
Frequency Return Loss/VSWR Phase Stability vs. Flexure	1.3 to 3 GHz N/A
Frequency Return Loss/VSWR Phase Stability vs. Flexure Amplitude Stability	1.3 to 3 GHz N/A N/A
Frequency Return Loss/VSWR Phase Stability vs. Flexure Amplitude Stability Shielding Effectiveness	1.3 to 3 GHz         N/A         N/A         <-70dB @ 1GHz
Frequency Return Loss/VSWR Phase Stability vs. Flexure Amplitude Stability Shielding Effectiveness Phase Matching	1.3 to 3 GHz         N/A         N/A         <-70dB @ 1GHz
Frequency Return Loss/VSWR Phase Stability vs. Flexure Amplitude Stability Shielding Effectiveness Phase Matching Signal Delay Power Handling <b>Environmental Data</b>	1.3 to 3 GHz         N/A         N/A         <-70dB @ 1GHz
Frequency Return Loss/VSWR Phase Stability vs. Flexure Amplitude Stability Shielding Effectiveness Phase Matching Signal Delay Power Handling <b>Environmental Data</b> Temperature Range	1.3 to 3 GHz         N/A         N/A         <-70dB @ 1GHz
Frequency Return Loss/VSWR Phase Stability vs. Flexure Amplitude Stability Shielding Effectiveness Phase Matching Signal Delay Power Handling <b>Environmental Data</b>	1.3 to 3 GHz         N/A         N/A         <-70dB @ 1GHz
Frequency Return Loss/VSWR Phase Stability vs. Flexure Amplitude Stability Shielding Effectiveness Phase Matching Signal Delay Power Handling <b>Environmental Data</b> Temperature Range	1.3 to 3 GHz         N/A         N/A         <-70dB @ 1GHz

CABLE ASSEMBLY DATASHEET

#### RG316 SERIES, FLEXIBLE CABLE, MMCX(MALE)- MMCX(MALE)

# Gwave

## GAR3-MMCXMMMCXM-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-MMCXMMMCXM-5000	5000±20	4.65	7.85
GAR3-MMCXMMMCXM-2000	2000±10	1.95	3.25
GAR3-MMCXMMMCXM-1000	1000±10	1.05	1.75
GAR3-MMCXMMMCXM-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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