



TECHNICAL FEATURE

FEATURES

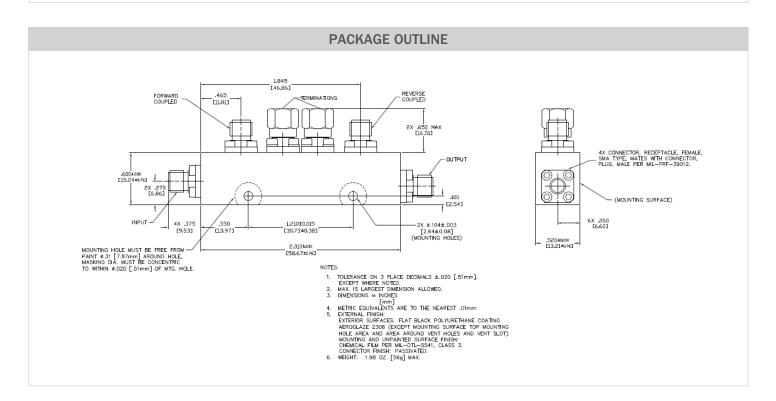
- Space Qualified .
- 5.179 5.245 GHz
- Forward and Reverse Coupling

PRINCIPAL OF LOW ROADING									
Model Number	Frequency Range GHz	Frequency Sensitivity dB Max.	Coupling dB	Insertion Loss, dB Max.	Directivity dB Min.	VSWR Main Max.	VSWR Coupled Max	CW Power Rating Main Line	Weight Max.
CDM-30-5.212G SQ	5.179 - 5.245	± 0.8	30 +/- 1.25	0.4	18	1.22:1	1.22:1	20 Watts	56g.

DDINCIDAL SPECIFICATIONS

TECHNICAL DESCRIPTION / APPLICATION

The CDM-30-5.212G SQ dual directional coupler covers 5.179 - 5.245 GHz with a stripline design. This offers low transmission loss and excellent VSWR. This unit has been designed, manufactured and gualified per Merrimac document CENG-0001, "Standard Design Requirements for Space Qualified Devices."



Microwave Solutions

Merrimac Industries 41 Fairfield Place, West Caldwell, NJ 07006

+ 1 973-575-1300, 191309 info@craneae.com www.craneae.com

Page 1 of 1 CDM-30-5.212G SQ Rev. -, 03/26/2024

DS_Dual Directional Coupler_CDM-30-5.212GSQ_032624.indd. This revision supersedes all previous releases. All technical information is believed to be accurate, but no responsibility is assumed for errors. We reserve the right to make changes in products or specifications without notice. Copyright © 2021 Crane Electronics, Inc. All rights reserved.