

DUAL DIRECTIONAL COUPLER

CDM-10-.435G SQ



TECHNICAL FEATURE

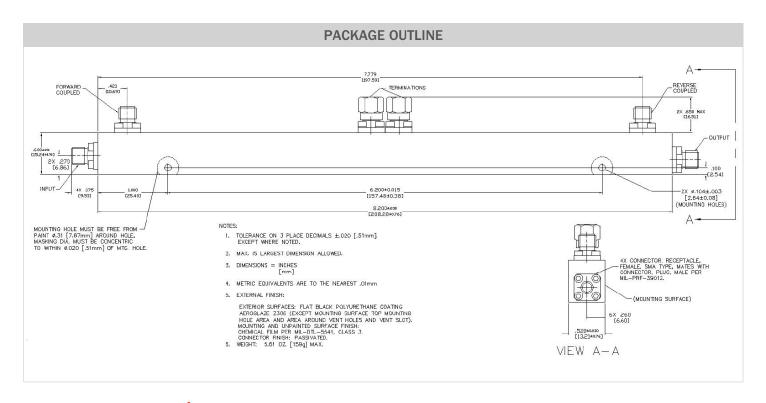
FEATURES

- Space Qualified
- 0.4 0.47 GHz
- Forward and Reverse Coupling

PRINCIPAL SPECIFICATIONS									
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-10435G SQ	0.4 - 0.47	± 0.8	10 +/- 1.0	1.5	20	1.15:1	1.15:1	5 Watts	159g.

TECHNICAL DESCRIPTION / APPLICATION

The CDM-10-.435G SQ dual directional coupler covers 0.4 - 0.47 GHz with a stripline design. This offers low transmission loss and excellent VSWR. This unit has been designed, manufactured and qualified 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-10-.435G SQ Rev. -, 03/26/2024

DS_Dual Directional Coupler_CDM-10-.435GSQ_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.