

### TECHNICAL FEATURE

#### FEATURES

- Space Qualified
- 5.179 - 5.245 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-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.

### 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 qualified per Merrimac document CENG-0001, "Standard Design Requirements for Space Qualified Devices."

### PACKAGE OUTLINE

