

### 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-30-.435G SQ	0.4 - 0.47	± 0.8	30 +/- 1.0	0.25	20	1.15:1	1.15:1	5 Watts	159g.

### TECHNICAL DESCRIPTION / APPLICATION

The CDM-30-.435G SQ dual directional coupler covers 0.4 - 0.470 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

