

TECHNICAL FEATURE

FEATURES

- Space Qualified
- 7.011 - 7.075 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-30-7.043G SQ | 7.011 - 7.075 | ± 0.5 | 30 +/- 1.25 | 0.4 | 20 | 1.22:1 | 1.22:1 | 20 Watts | 56g. |

TECHNICAL DESCRIPTION / APPLICATION

The CDM-30-7.043G SQ dual directional coupler covers 7.011 - 7.075 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

