

TECHNICAL FEATURE

FEATURES

- Space Qualified
- 7.15 - 8.6 GHz

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. |
|----------------|---------------------|-------------------------------|-------------|-------------------------|---------------------|----------------|-------------------|---------------------------|-------------|
| CSM-6-7.82G SQ | 7.15 - 8.6 | 1.0 | 6 +/- 1 | 0.45 | 20 | 1.25:1 | 1.25:1 | 1.0 Watts | 40 g. |

TECHNICAL DESCRIPTION / APPLICATION

The CSM-6-7.82G SQ directional coupler covers 7.15 - 8.6 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

