

TECHNICAL FEATURE

FEATURES

- Space Qualified
- 17.3 - 18.40 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-30-17.82G SQ | 17.3 - 18.40 | + / - 0.75 | 30 +/- 1.25 | 0.65 | 15 | 1.30:1 | 1.25:1 | 10 Watts | 25 g. |

TECHNICAL DESCRIPTION / APPLICATION

The CSM-30-17.82G SQ directional coupler covers 17.3 - 18.40 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

