

DIRECTIONAL COUPLER - CSM-20-8G SQ

TECHNICAL FEATURE

FEATURES

- Space Qualified
- 4 - 12.4 GHz



PERFORMANCE

| | |
|--------------------------------|---------------------|
| Frequency Range..... | 4.0 - 12.4 GHz |
| Coupling | 20 ± 1.0 dB |
| Insertion Loss | 0.45 dB max. |
| Directivity..... | 17 dB min. |
| VSWR..... | 1.25:1 main max. |
| | 1.25:1 coupled max. |
| Frequency Sensitivity | ±0.4 dB max. |
| CW Power Rating Main Line..... | 30 W |

DESCRIPTION

The CSM-20-8G SQ Directional Coupler covers 4-12.4 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".

