

## DIRECTIONAL COUPLER - CSM-20-6G SQ

### TECHNICAL FEATURE

#### FEATURES

- Space Qualified
- 4 - 8 GHz



#### PERFORMANCE

Frequency Range.....	4.0 - 8.0 GHz
Coupling .....	20 ± 1.25 dB
Insertion Loss .....	0.3 dB max.
Directivity .....	19 dB min.
VSWR.....	1.25:1 main max.
.....	1.25:1 coupled max.
Frequency Sensitivity .....	±0.75 dB max.
CW Power Rating Main Line .....	30 W

#### DESCRIPTION

The CSM-20-6G SQ Directional Coupler covers 4-8 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

