

# DIRECTIONAL COUPLER - CSM-10-1.5G SQ

## TECHNICAL FEATURE

### FEATURES

- Space Qualified
- 1 - 2 GHz



### PERFORMANCE

Frequency Range.....	1.0 - 2.0 GHz
Coupling .....	10 ± 1.25 dB
Insertion Loss .....	0.2 dB max.
Directivity .....	23 dB min.
VSWR.....	1.1:1 max.
Frequency Sensitivity .....	±0.75 dB max.
CW Power Rating Main Line.....	10 W max.

### DESCRIPTION

The CSM-10-1.5G SQ Directional Coupler covers 1-2 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

