

# DIRECTIONAL COUPLER - CSM-10-3G SQ

## TECHNICAL FEATURE

### FEATURES

- Space Qualified
- 2 - 4 GHz



### PERFORMANCE

Frequency Range.....	2.0 - 4.0 GHz
Coupling .....	10 ± 1.25 dB
Insertion Loss .....	0.25 dB max.
Directivity .....	20 dB min.
VSWR.....	1.15:1 main max.
	1.15:1 coupled max.
Frequency Sensitivity .....	±0.75 dB max.
CW Power Rating Main Line .....	10 W

### DESCRIPTION

The CSM-10-3G SQ Directional Coupler covers 2-4 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".

