

DIRECTIONAL COUPLER - CSM-6-3G SQ

TECHNICAL FEATURE

FEATURES

- Space Qualified
- 2 - 4 GHz



PERFORMANCE

Frequency Range.....	1.0 - 2.0 GHz
Coupling	6 ± 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 forward
.....	2 W reverse

DESCRIPTION

The CSM-6-3G 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".

