

DIRECTIONAL COUPLER - CWM-20M-10G SQ

TECHNICAL FEATURE

FEATURES

- Space Qualified
- 2 - 18 GHz

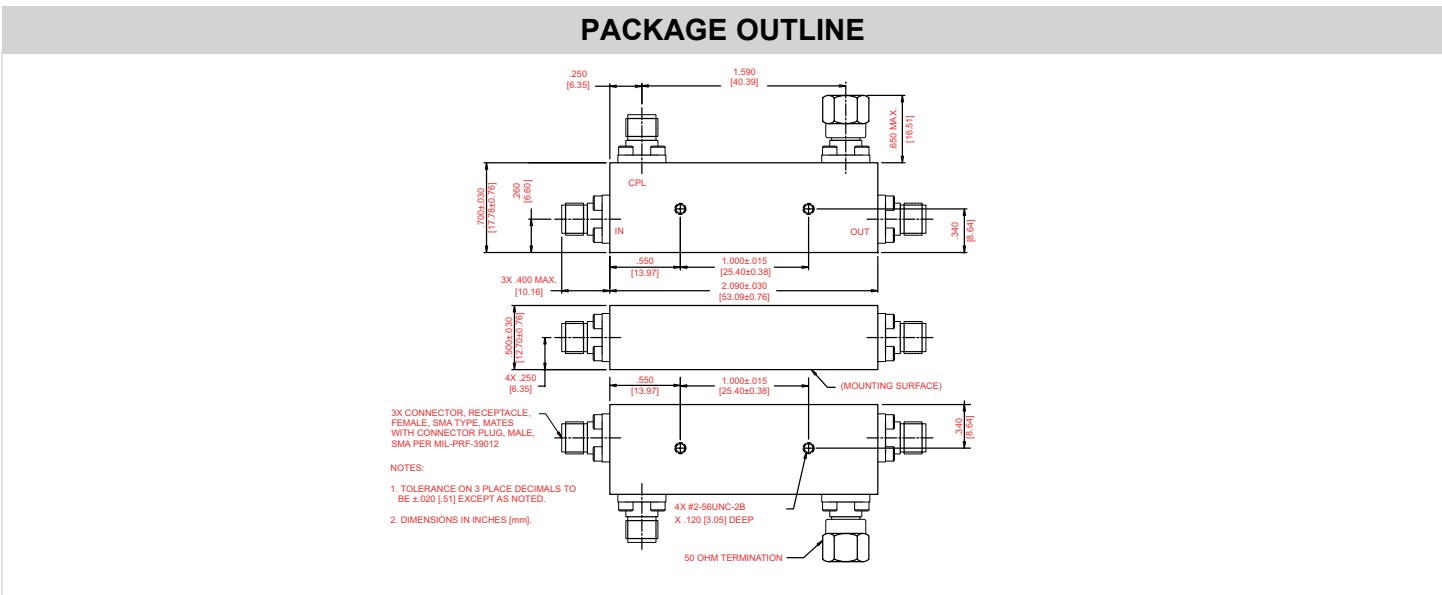


PERFORMANCE

Frequency Range.....	2 - 18 GHz
Coupling	20 ± 1.0 dB
Insertion Loss	1.0 dB max.
Directivity.....	15 dB min. (2- 12.4 GHz)
.....	12 dB min. (12.4 - 18 GHz)
VSWR.....	1.35:1 main max.
.....	1.40:1 coupled max.
Frequency Sensitivity	±0.50 dB nom.
.....	±0.80 dB max.
CW Power Rating Main Line.....	25 W

DESCRIPTION

The CWM-20M-10G SQ Directional Coupler covers 2 - 18 GHz with a stripline design. This offers low transmission and excellent VSWR. This unit has been designed, manufactured and qualified per Merrimac document CENG-0001, "Standard Design Requirements for Space Qualified Devices".



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