

DIRECTIONAL COUPLER

CSC-8-3.8G SQ



TECHNICAL FEATURE

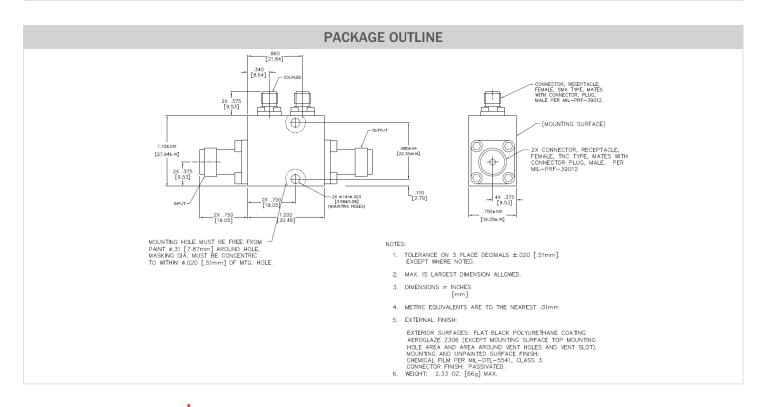
FEATURES

- Space Qualified
- 3.4 4.2 GHz

PRINCIPAL SPECIFICATIONS									
Model Number	Frequency Range GHz	Frequency Sensitivity dB Max.	Coupling dB	Insertion Loss, dB Max.	Directivity dB Min.	VSWR Main Max.	VSWR Coupled Max	CW Power Rating Main Line	Weight Max.
CSC-8-3.8G SQ	3.4 - 4.2	+/-0.15	8.5 +/- 0.5	0.3	18	1.22:1	1.22:1	60 Watts	66 g.

TECHNICAL DESCRIPTION / APPLICATION

The CSC-8-3.8G SQ directional coupler covers 3.4 - 4.2 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."



Microwave Solutions

Merrimac Industries 41 Fairfield Place, West Caldwell, NJ 07006

+ 1 973-575-1300, 191309 info@craneae.com www.craneae.com Page 1 of 1 CSC-8-3.8G SQ Rev. -, 07/09/2024