

- SPACE QUALIFIED
- 6.9 - 8.5 GHz, QUADRATURE HYBRID, SMA



TECHNICAL DESCRIPTION / APPLICATION

The QHM-2-7.7G SQ Quadrature Hybrid Divider/Combiner covers 6.9 - 8.5 GHz. It uses a rugged stripline design which provides high isolation and low VSWR. This unit has been designed, manufactured and qualified per Merrimac document CENG-0001, "Standard Design Requirements for Space Qualified Devices".

SERIES 05

GENERAL SPECIFICATIONS

MODEL NUMBER	FREQUENCY RANGE GHz	ISOLATION dB MIN.	INSERTION LOSS MAX.	AMPLITUDE BALANCE MAX.	VSWR MAX.
QHM-2-7.7G SQ	6.9 - 8.5	18 dB	0.5 dB	0.5 dB	1.25:1
PHASE BALANCE	CW INPUT POWER	IMPEDANCE NOM.	OPERATING TEMPERATURE	WEIGHT MAX.	
90° ± 4°	10 W	50 OHM	-55° to +85 ° C	.75 oz.	

PACKAGE OUTLINE

