



QHM-2-.450G SQ 90° DIVIDERS / COMBINERS

REV: 001, 05/21/01

- SPACE QUALIFIED
- 400 - 500 MHz, QUADRATURE HYBRID, SMA



TECHNICAL DESCRIPTION / APPLICATION

SERIES 03

The QHM-2-.450G SQ Quadrature Hybrid Divider/Combiner covers 400-500 MHz. 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".

GENERAL SPECIFICATIONS

MODEL NUMBER	FREQUENCY RANGE MHz	ISOLATION dB	INSERTION LOSS	AMPLITUDE BALANCE	VSWR
		MIN.	MAX.	MAX.	MAX.
QHM-2-.450G SQ	400 - 500	25 dB	0.25 dB	0.5 dB	1.15:1
PHASE BALANCE	CW INPUT POWER	IMPEDANCE	OPERATING TEMPERATURE	WEIGHT MAX.	
90° ± 2°	10 W	50 OHM	-55° to +85° C	3.75 oz.	

PACKAGE OUTLINE

