

### TECHNICAL FEATURE

#### FEATURES

- Space Qualified
- 3.6 - 4.4 GHz
- SMA - Connector

### PRINCIPAL SPECIFICATIONS

Model Number	Frequency Range GHz	Isolation dB Min.	Insertion Loss, dB Max.	Amplitude Balance dB Max.	VSWR Max.	Phase Balance dB Max.	CW Input Power	Weight Max.	Operating Temperature
QHM-2-4G SQ	3.6 - 4.4	20	0.4	0.5	1.19:1	90° ± 5°	10 W	21 g.	-55° to +85° C

### GENERAL NOTES

The QHM-2-4G SQ Quadrature Hybrid Power Divider/Combiner covers 3.6 - 4.4 GHz. It uses a stripline design which provides high isolation and low VSWR. This unit has been designed, manufactured, and tested per Merrimac document CENG-0001, "Standard Design Requirements for Space Qualified Devices."

### PACKAGE OUTLINE

