

### TECHNICAL FEATURE

#### FEATURES

- Space Qualified
- 4.6 - 4.625 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-2-4.61G SQ	4.6 - 4.625	20	0.4	0.5	1.19:1	90° ± 5°	10 W	20 g.	-55° to +85° C

### GENERAL NOTES

The QHM-2-4.61G SQ Quadrature Hybrid Power Divider/Combiner covers 4.6 - 4.625 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

