

TECHNICAL FEATURE

FEATURES

- Space Qualified
- High Power
- 18.0 - 65.0 GHz
- V-Connector

PRINCIPAL SPECIFICATIONS

Model Number	Frequency Range GHz	Isolation dB Min.	Coupling Loss dB, Nom.	Amplitude Balance, P-P dB Max.	Insertion Loss dB Max.	VSWR Max.	Phase Balance Deg. Max.	CW Input Power Watt, Max.	Impedance Nom.	Operating Temperature
QHV-4R-41.5G SQ	18.0 - 65.0	12	3.1	3.0	3.5	2.0:1	90° ± 20°	1	50 OHM	-55° to +85° C

GENERAL NOTES

The QHV-4R-41.5G SQ Quadrature Hybrid Divider/Combiner covers 18.0 - 65.0 GHz. It uses a rugged 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

