

TECHNICAL FEATURE

FEATURES

- Space Qualified
- 10.7 - 14.5 GHz
- 2 - Way

PRINCIPAL SPECIFICATIONS

| Model Number | Frequency Range GHz | Isolation dB Min. | Insertion Loss, dB Max. | Phase Balance Max. | Amplitude Balance dB Max. | VSWR Max. | | CW Input, W, Load VSWR out 1.2:1 | Weight Max. |
|-----------------|---------------------|-------------------|-------------------------|--------------------|---------------------------|-----------|--------|----------------------------------|-------------|
| | | | | | | In | Out | | |
| PDM-21-12.6G SQ | 10.7 - 14.5 | 20 | 0.6 | 6° | 0.3 | 1.22:1 | 1.22:1 | 10 | 31 g. |

TECHNICAL DESCRIPTION / APPLICATION

The PDM-21-12.6G SQ In-Phase Power Divider covers 10.7 - 14.5 GHz. It uses a wideband 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."

PACKAGE OUTLINE

