

### TECHNICAL FEATURE

#### FEATURES

- Space Qualified
- 13.75 - 14.5 GHz
- 4 - 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-41-14.125G SQ	13.75 - 14.5	18	1.0	6°	0.4	1.35:1	1.35:1	2	95 g.

### TECHNICAL DESCRIPTION / APPLICATION

The PDM-41-14.125G SQ In-Phase Power Divider covers 13.75 - 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

