

### TECHNICAL FEATURE

#### FEATURES

- Space Qualified
- .01 - .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-40-250 SQ	.01 - .5	25	1.25	4°	0.4	1.5:1	1.5:1	2	62 g.

### TECHNICAL DESCRIPTION / APPLICATION

The PDM-40-250 SQ In-Phase Power Divider covers .01 - .5 GHz. with a special lumped element design to reduce size, while maintaining high performance. This unit has been designed, manufactured, and qualified per Merrimac document CENG-0001, "Standard Design Requirements for Space Qualified Devices."

### PACKAGE OUTLINE

