

### TECHNICAL FEATURE

#### FEATURES

- Space Qualified
- 18.3 - 20.2 GHz
- 3 - 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-31-19.25G SQ	18.3 - 20.2	18	1.5	8°	1	1.29:1	1.29:1	10	49 g.

### TECHNICAL DESCRIPTION / APPLICATION

The PDM-31-19.25G SQ In-Phase Power Divider covers 18.3 - 20.2 GHz. It uses a 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

