

# 0° DIVIDERS/COMBINERS - PDM-21-15G SQ

## TECHNICAL FEATURE

### FEATURES

- Space Qualified
- 12 - 18 GHz
- 2 Way SMA



### PERFORMANCE

Frequency Range.....	12 - 18 GHz
Isolation.....	19 min.
Insertion Loss.....	0.7 max. dB
Amplitude Balance.....	0.2 max. dB
VSWR Input/Output.....	1.35:1 in, 1.4:1 out
Phase Balance.....	±5°
CW Input with Load VSWR 1.2:1.....	2 W
Impedance.....	50 Ohm nom.
Operating Temperature.....	-55° to +85° C

### DESCRIPTION

The PDM-21-15G SQ In-Phase Power Divider/Combiner covers 12 - 18 GHz. It uses a conventional Wilkinson design which provides high isolation and low VSWR. This device has been designed in accordance with Merrimac document CENG-0001, "Standard Design Requirements for Space Qualified Devices".

## PACKAGE OUTLINE

