

# 0° DIVIDERS/COMBINERS - PDM-21-12G SQ

## TECHNICAL FEATURE

### FEATURES

- Space Qualified
- 10.5 - 13 GHz
- 2 Way SMA



### PERFORMANCE

Frequency Range.....	10.5 - 13 GHz
Isolation .....	.20 min.
Insertion Loss .....	0.5 max. dB
Amplitude Balance .....	0.2 max. dB
VSWR Input/Output.....	1.2:1 in, 1.2:1 out
Phase Balance .....	±3°
CW Input with Load VSWR 1.2:1.....	2 W
Impedance.....	50 Ohm nom.
Operating Temperature .....	-55° to +85° C

### DESCRIPTION

The PDM-21-12G SQ In-Phase Power Divider/Combiner covers 10.5 - 13 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

