

0° DIVIDERS/COMBINERS - PDM-81-12G SQ

TECHNICAL FEATURE

FEATURES

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

PERFORMANCE

Frequency Range.....	10.5 - 13 GHz
Isolation	16 min.
Insertion Loss	1.4 max. dB
Amplitude Balance	0.5 max. dB
VSWR Input/Output.....	1.4:1 max.
Phase Balance	±6°
CW Input with Load VSWR 1.2:1.....	2 W
Impedance.....	50 Ohm nom.
Operating Temperature	-55° to +85° C



DESCRIPTION

The PDM-81-12G SQ 8-way In-Phase Power Divider/Combiner covers 10.5 - 13 GHz. It uses a conventional Wilkinson 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

