

0° DIVIDERS/COMBINERS - PDM-20-250 SQ

TECHNICAL FEATURE

FEATURES

- Space Qualified
- 10 - 500 MHz
- 2 Way SMA

PERFORMANCE

Frequency Range	10 - 500 MHz
Isolation25 min.
Insertion Loss	0.5 dB (10 - 400 MHz)
.....	0.6 dB (400 - 500 MHz)
Amplitude Balance	0.2 max. dB
VSWR Input/Output.....	1.3:1 max.
Phase Balance	2°
CW Input with Load VSWR 1.2:1	1 W
Impedance.....	50 Ohm nom.
Operating Temperature	-55° to +85° C

DESCRIPTION

The PDM-20-250 SQ In-Phase Power Divider/Combiner covers 10 - 500 MHz. It uses a lumped circuit technology 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"

