

0° DIVIDERS/COMBINERS - PDF-4E-1300 SQ

TECHNICAL FEATURE

FEATURES

- Space Qualified
- 100 - 2000 MHz
- 4 Way Flatpack
- Hi-Rel Flatpack



PERFORMANCE

Frequency Range	100 - 2000 MHz
Isolation	20 min., 23 typ. dB
Insertion Loss	2.5 max., 2.0 typ. dB
Amplitude Balance	0.5 max., 0.4 typ. dB
Phase Balance	5° max., 3° typ.
VSWR Input/Output	1.6:1 max., 1.5:1 typ.
Input Power	1 W max.
Coupling	-6 dB nom.
Impedance	50 Ohm nom.
Internal Power Dissipation	50 mW max.
Operating Temperature	-55° to +85° C

DESCRIPTION

The PDF-4E-1300 SQ is a wideband, lumped element, 4 way power divider, covering 100-2000 MHz. Its toroidal transformer design yields high performance with small size and weight. Parts, materials and processes in accordance with Merrimac document CENG-0001, "Standard Design Requirements for Space Qualified Devices".

PACKAGE OUTLINE

