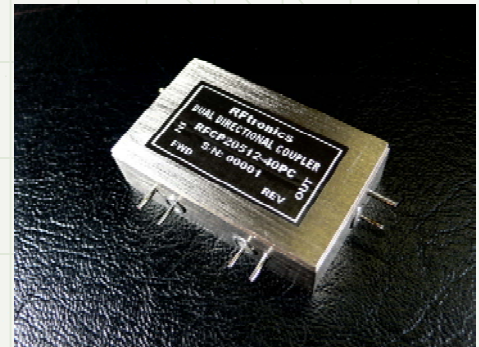


PRODUCT DESCRIPTION

RFCP-20512-40-PC is a broadband, dual-directional coupler covering 20-512 MHz. It is characterized by low insertion loss, excellent flatness and directivity and can be used in amplifier gain control, power monitoring, spectrum monitoring, and many other applications. Mechanically, the coupler is designed to withstand extreme environments with particularly high vibration and high G forces.

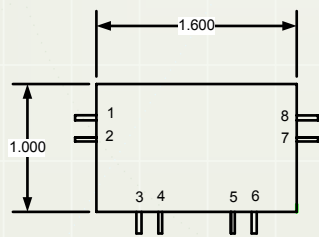
RFCP-20512-40-PC



SPECIFICATIONS

- Frequency Range..... 20 – 512 MHz
- Main Coupling..... 40 +/- 0.5 dB
- Flatness..... +/- 0.75 dB max
- Directivity..... 20 dB min
- Insertion Loss..... 0.35 dB max
- Input Power..... 100 watts CW max
- Input VSWR..... 1.25:1 max
- Temperature Range..... -20 - +85°C
- Connectors..... 50 Ohm PCB pins

OVERALL DIMENSIONS



PINOUT:
 1, 3, 6, 8: GND
 2: RF INPUT
 4: FWD COUPLING
 5: REV COUPLING
 7: RF OUTPUT

NOTE:
 PINS 1, 3, 6, 8 ARE
 0.040" DIAMETER;
 PINS 2, 4, 5, 7 ARE
 0.030" DIAMETER

