

FEATURES :

- **High Directivity: 25dB typ**
- **Wideband: 1 to 7GHz**
- **Small Size**

SPECIFICATIONS

Frequency Range, [MHz]	1000 - 7000
Coupling*, typ [dB]	20 +/-1dB
Coupling flatness, [dB]	±0.5
Mainline Loss**, typ/max [dB]	0.25 / 0.35
Directivity typ/min, [dB]	25/20
VSWR typ/max	1.2:1 / 1.3:1

Operating Characteristics

Input Power, [W] with matched loads	50
Impedance, [Ohm]	50
Operating Temperature	-20°C to +70°C

* Coupling decreases below 1.5GHz

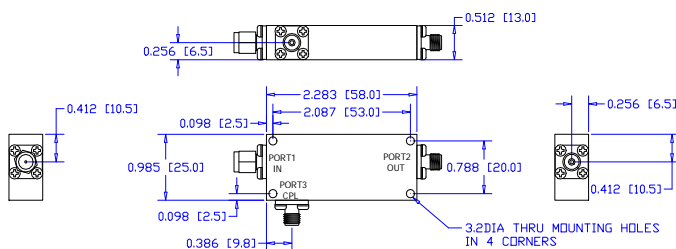
** Mainline loss includes coupling loss

Ordering Information

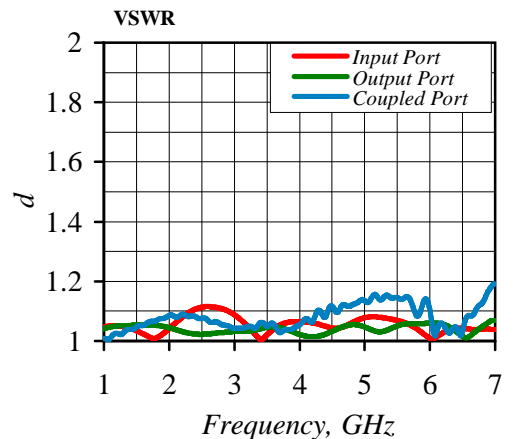
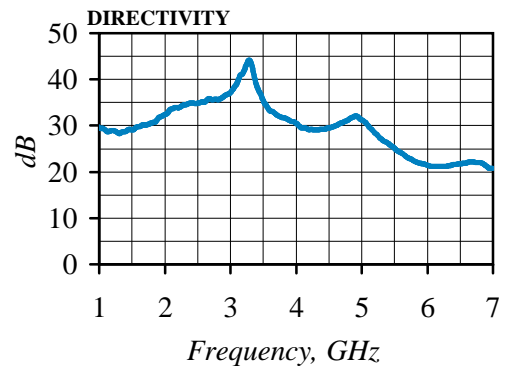
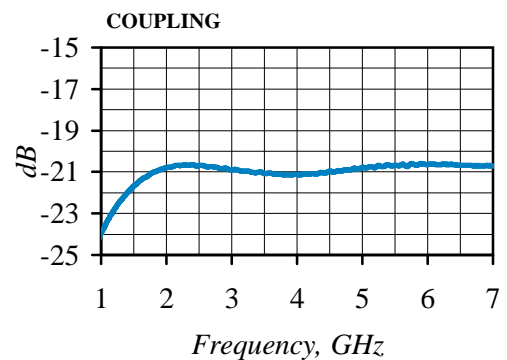
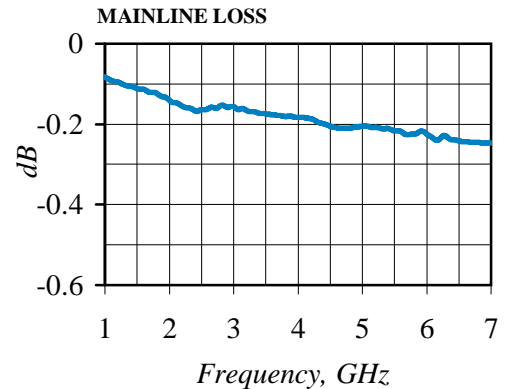
Model No.

CPL1000-7000-20-SMA

Outline drawing dimensions in inches [mm]



Typical Performance



Specifications Subject To Change Without Notice