

DOUBLE-BALANCED MIXER

CONNECTORIZED MODEL: CLK-6000

WIDE BANDWIDTH

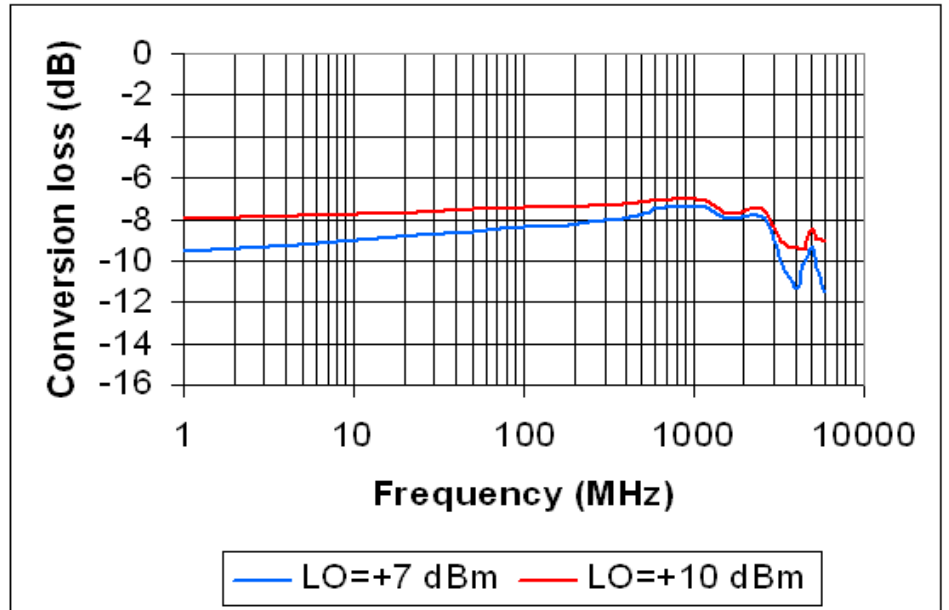
1-6000 MHz

FEATURES:

- ▶ High Performance
- ▶ High Interport Isolation
- ▶ Broad Bandwidth IF
- ▶ Good IF Matching
- ▶ Flat Conversion Loss Response

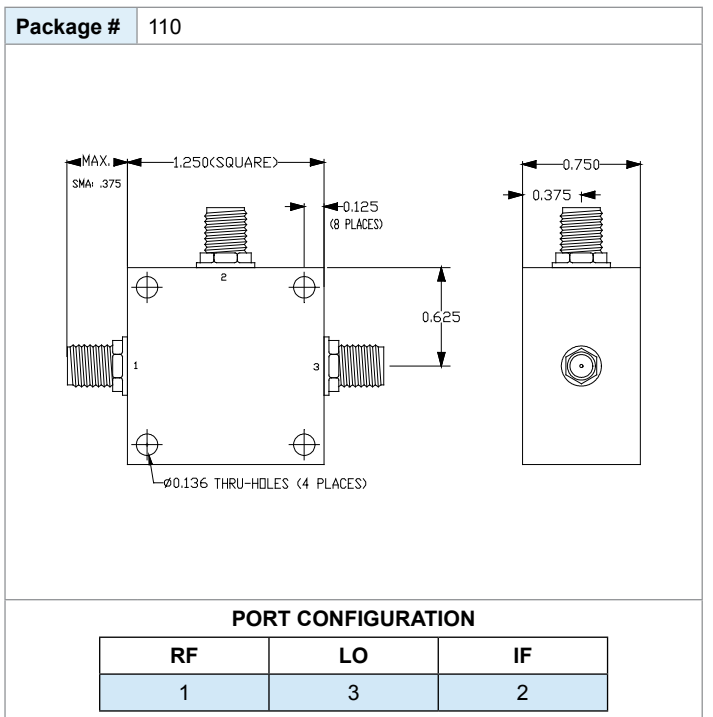
APPLICATIONS:

- ▶ Narrow Band & Broadband Up/Down Conversion.



SPECIFICATIONS (Rev. B 02/22/07)

| | | |
|-----------------------------|----------------|----------|
| Frequency (MHz) | LO/RF | IF |
| | 1 - 6000 | DC - 700 |
| Conversion Loss (dB) | Typ. | Max. |
| | 8.5 | 10 |
| Isolation (dB) | LO/RF | |
| | Typ. | Min. |
| | 25 | 15 |
| | LO/IF | |
| | Typ. | Min. |
| | 18 | 12 |
| RF/IF | | |
| Typ. | Min. | |
| | 15 | 12 |
| LO Power | +10 dBm (Nom.) | |
| 1 dB Compression Point | +3 dBm (Typ.) | |
| Input IP ³ | +15 dBm (Typ.) | |
| Impedance | 50 Ohms (Nom.) | |
| Operating Temperature Range | -55 to +85 °C | |



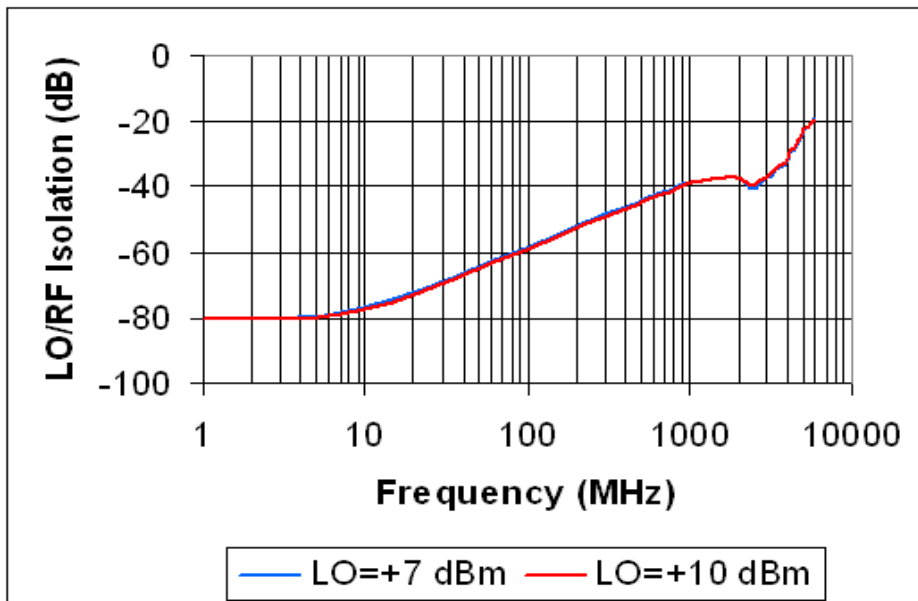
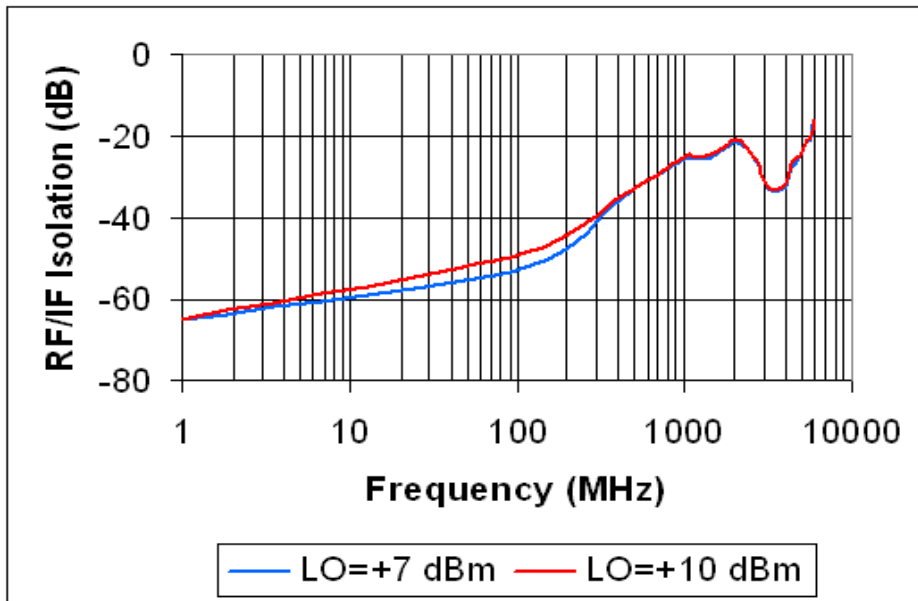
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PERFORMANCE PLOTS

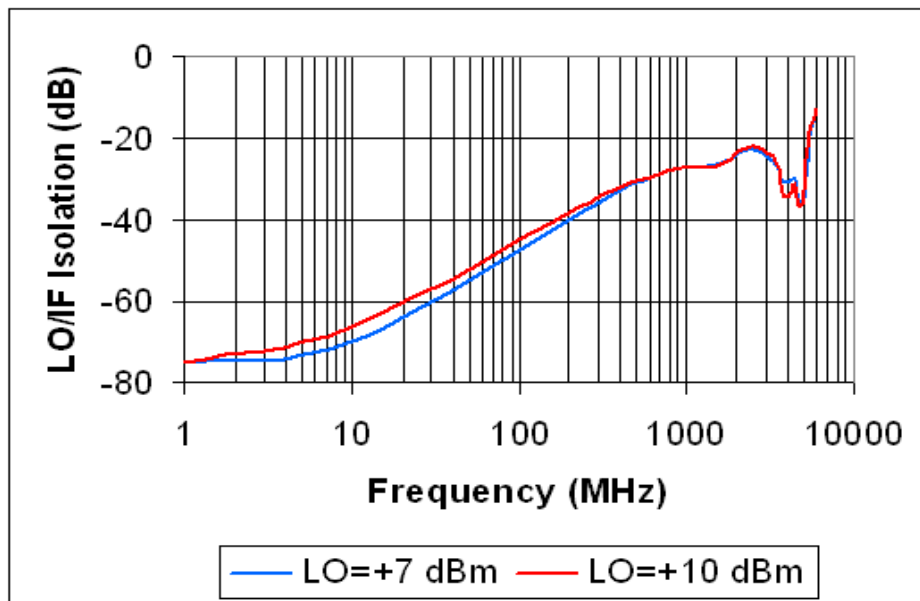


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