

# DOUBLE-BALANCED MIXER

## CONNECTORIZED MODEL: CLK-6000

WIDE BANDWIDTH

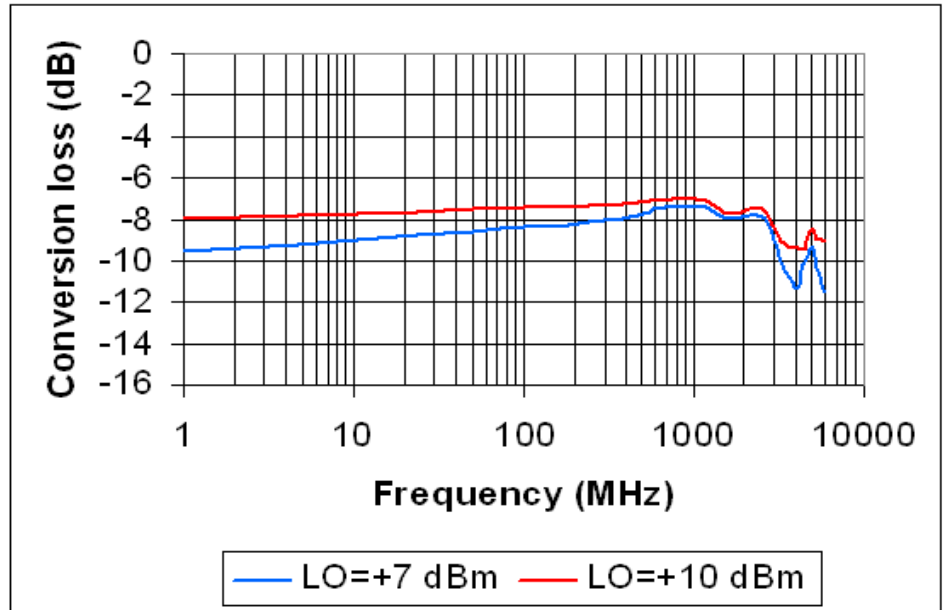
1-6000 MHz

**FEATURES:**

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

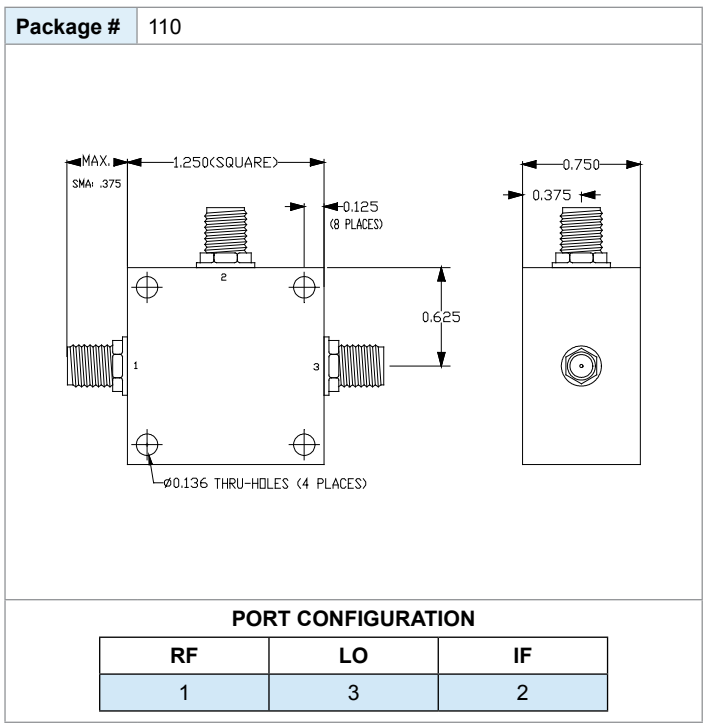
**APPLICATIONS:**

- ▶ 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 <sup>3</sup>	+15 dBm (Typ.)	
Impedance	50 Ohms (Nom.)	
Operating Temperature Range	-55 to +85 °C	



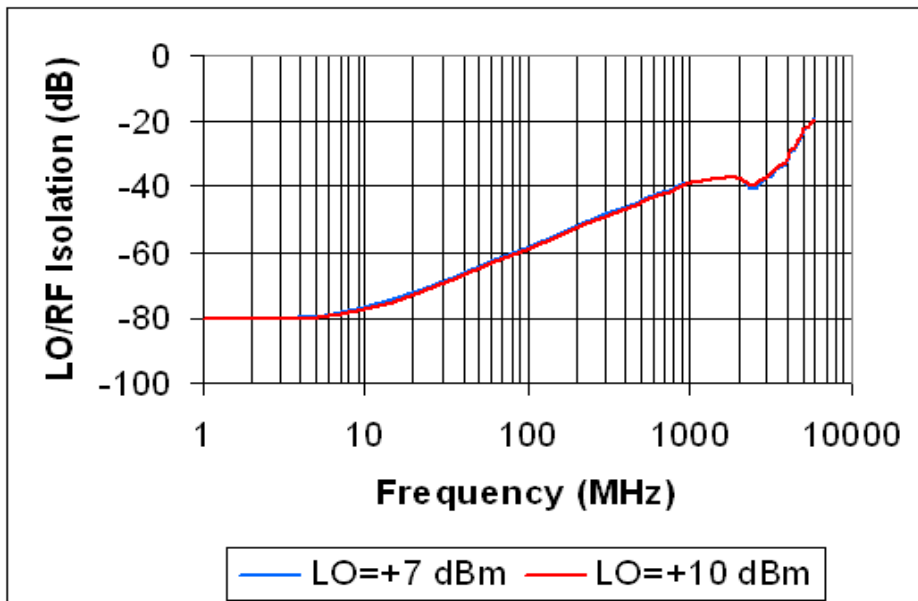
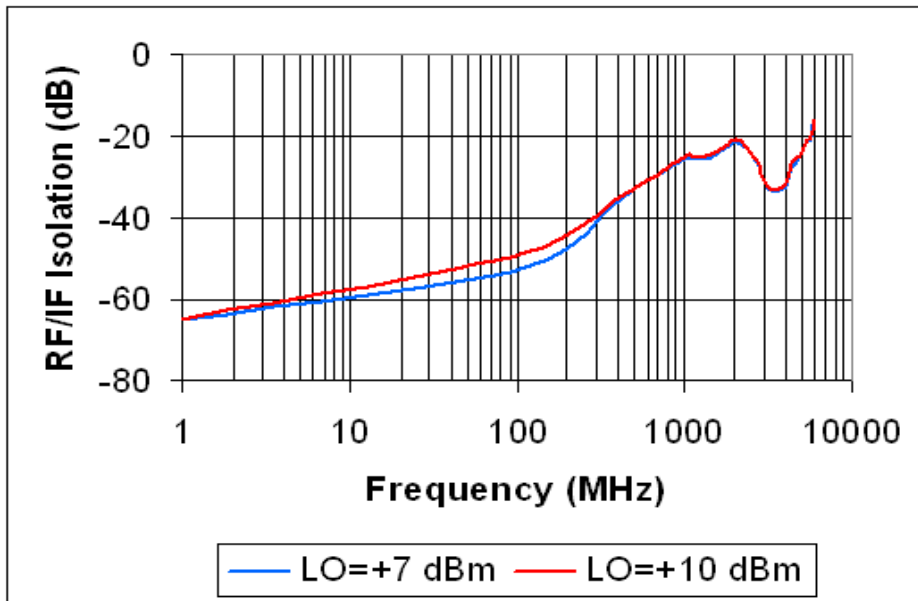
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PERFORMANCE PLOTS

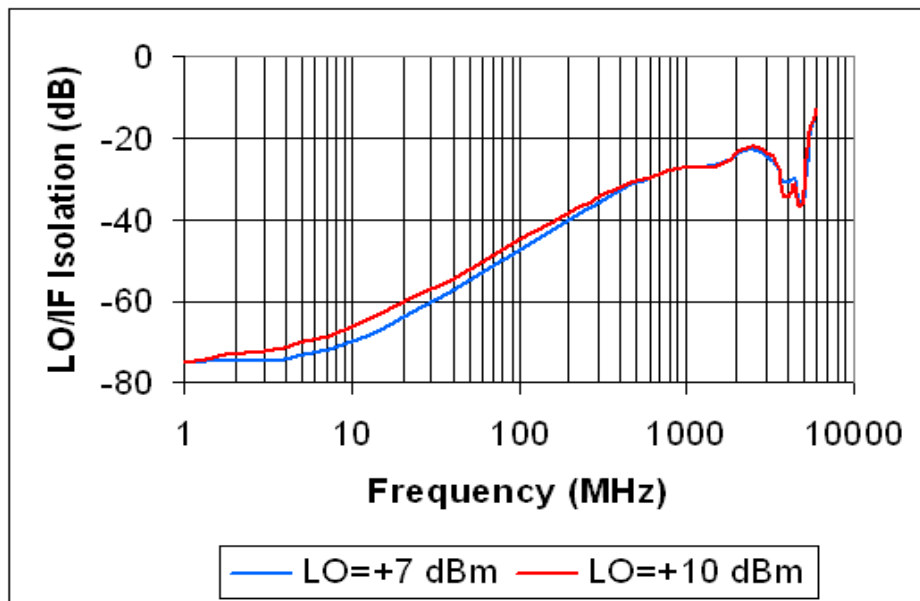


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