

# TRIPLE-BALANCED MIXER

## CONNECTORIZED MODEL: CMK-3500

WIDE BANDWIDTH

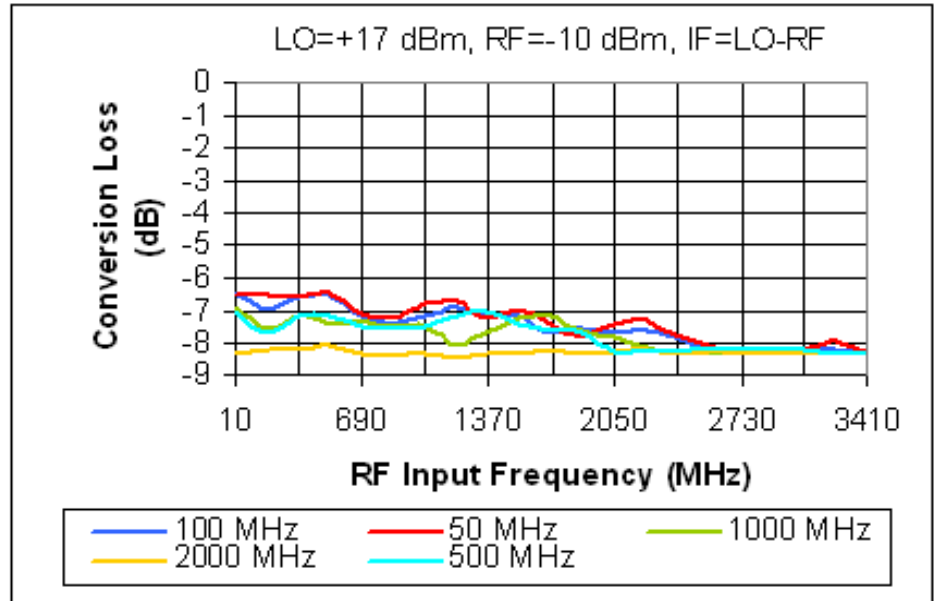
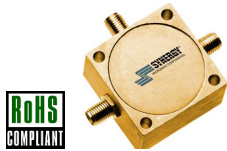
1-3500 MHz

**FEATURES:**

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

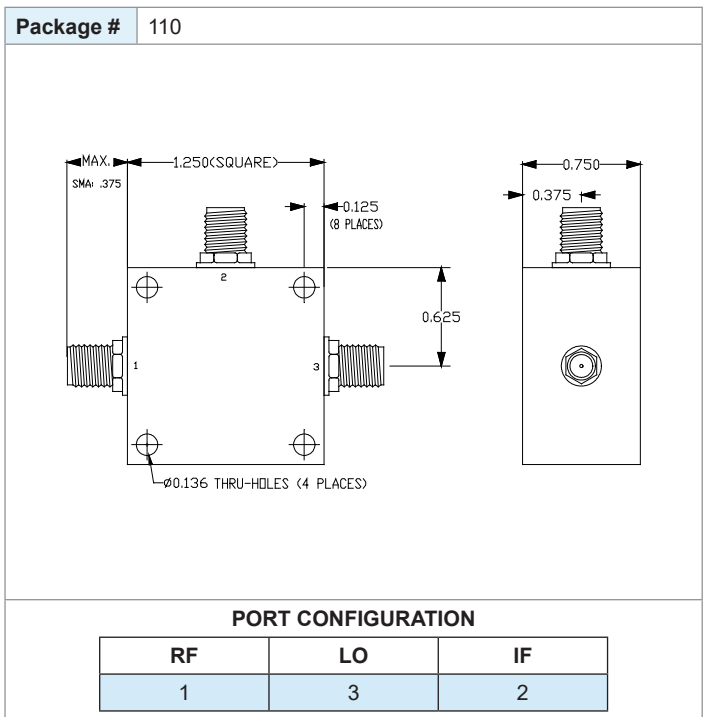
**APPLICATIONS:**

- ▶ Narrow Band & Broadband Up/Down Conversion.



**SPECIFICATIONS (Rev. C 03/24/17)**

Frequency (MHz)	LO/RF 10 - 3500	IF 1 - 2000
Conversion Loss (dB)	Typ. 7.8	Max. 8.7
Isolation (dB)	LO/RF	
	Typ. 35	Min. 25
	LO/IF	
Isolation (dB)	LO/IF	
	Typ. 30	Min. 20
	RF/IF	
Isolation (dB)	RF/IF	
	Typ. 25	Min. 20
	LO Power	+17 dBm (Nom.)
1 dB Compression Point	+14 dBm (Typ.)	
Input IP <sup>3</sup>	+28 dBm (Typ.)	
Impedance	50 Ohms (Nom.)	
Operating Temperature Range	-55 to +85 °C	



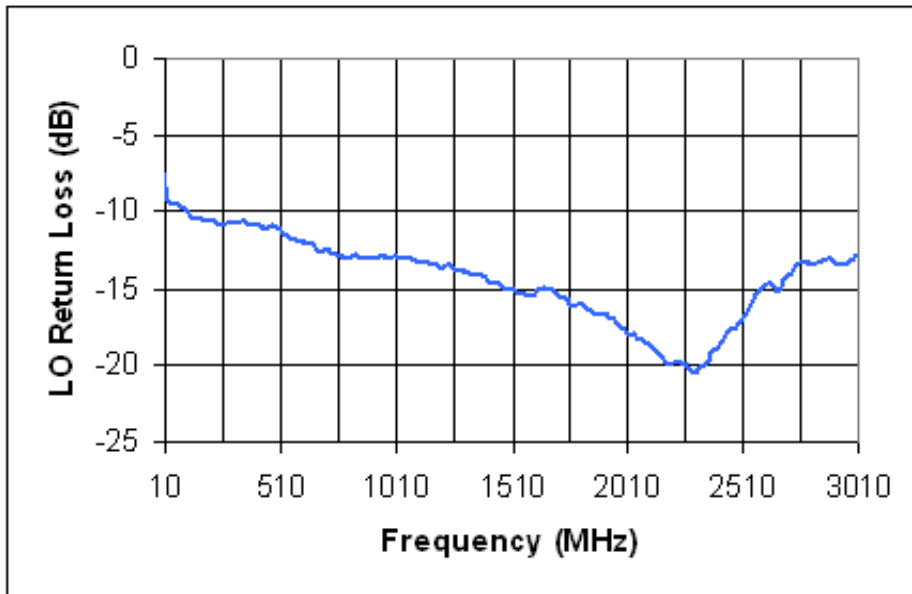
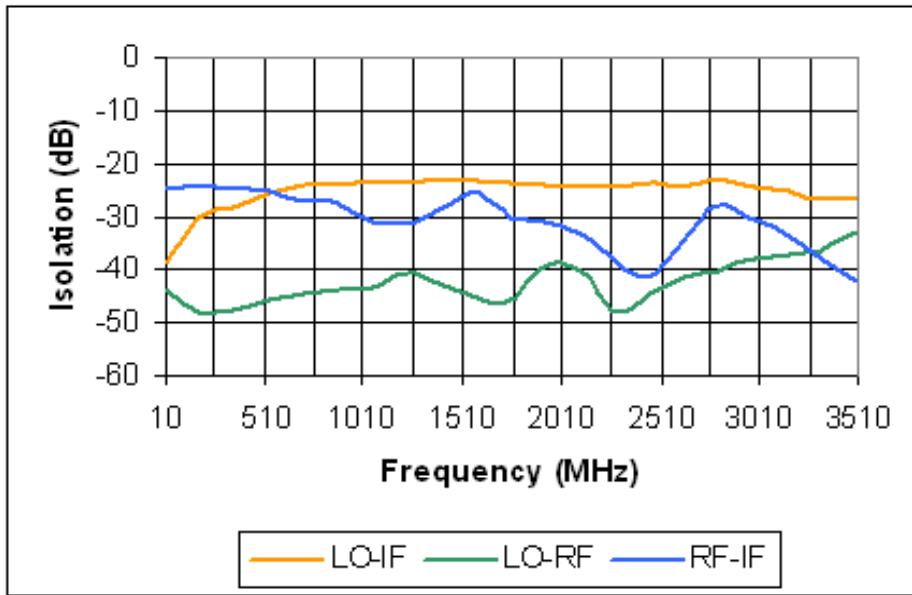
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PERFORMANCE PLOTS



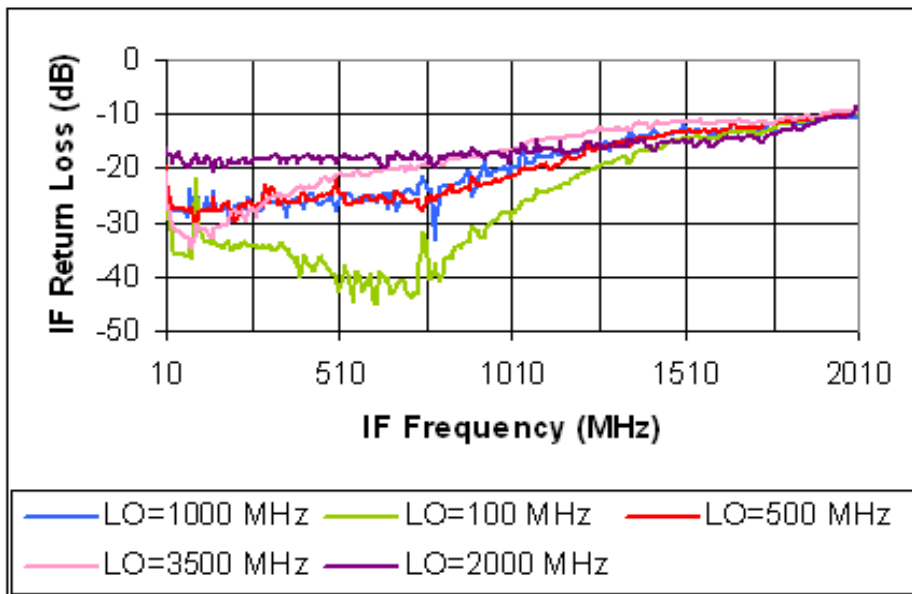
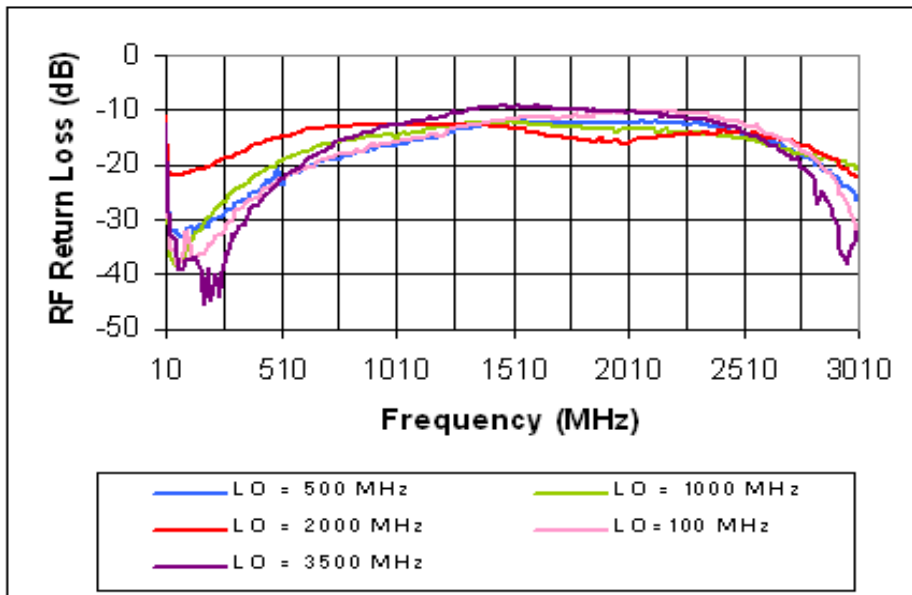
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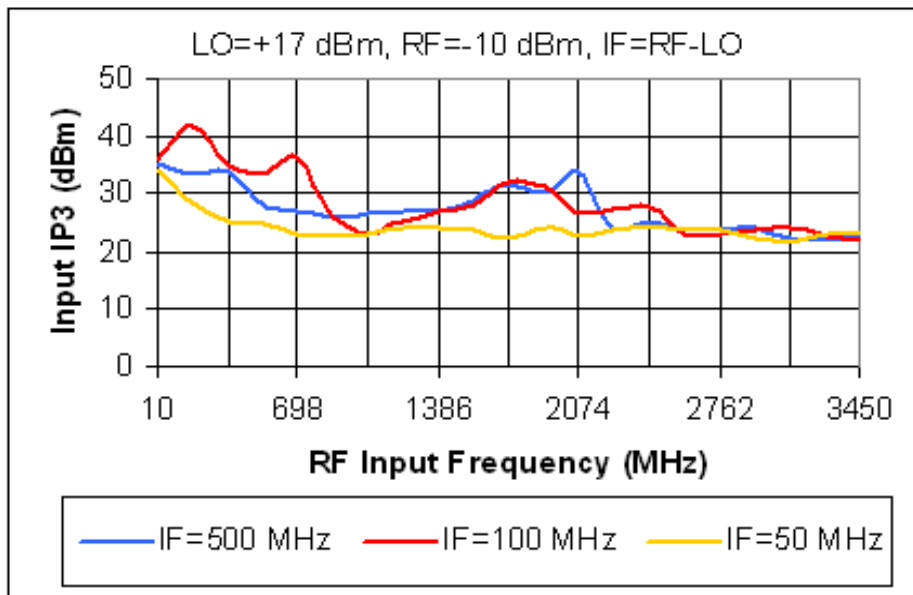


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