

TRIPLE-BALANCED MIXER

CONNECTORIZED MODEL: CMK-3500

WIDE BANDWIDTH

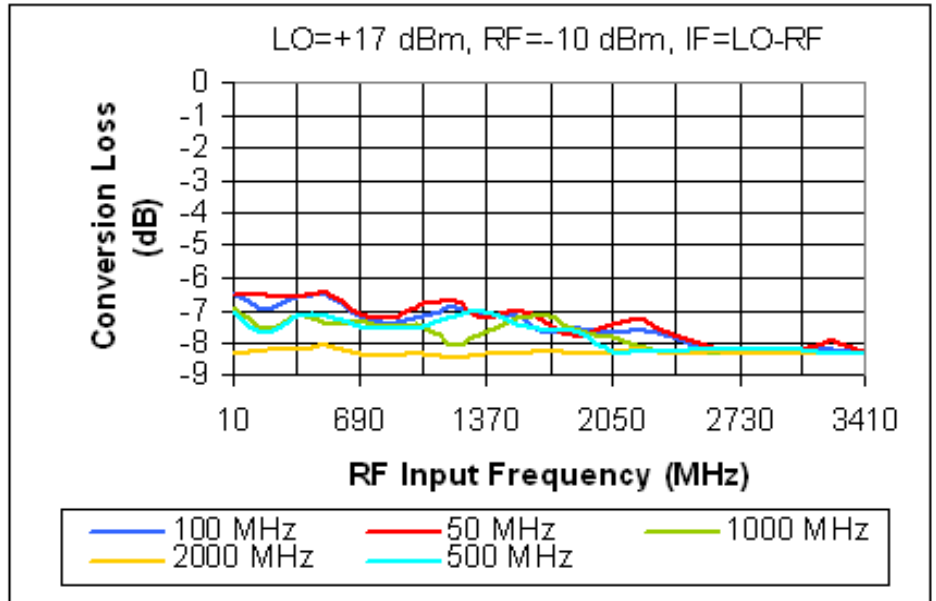
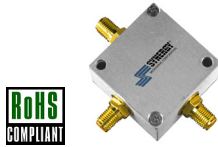
1-3500 MHz

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. D 09/27/17)

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)	Typ. 30	Min. 20
	RF/IF	
	Typ. 25	Min. 20
LO Power	+17 dBm (Nom.)	
1 dB Compression Point	+14 dBm (Typ.)	
Input IP ³	+28 dBm (Typ.)	
Impedance	50 Ohms (Nom.)	
Operating Temperature Range	-55 to +85 °C	

Package # 110LF

All Dimensions in inches (mm)
Tolerances: 2 PL.±0.030 inch. (0.762mm)
3 PL.±0.015 inch. (0.381mm)

THRU-HOLES (2 PLACES)

PORT CONFIGURATION

RF	LO	IF
1	3	2

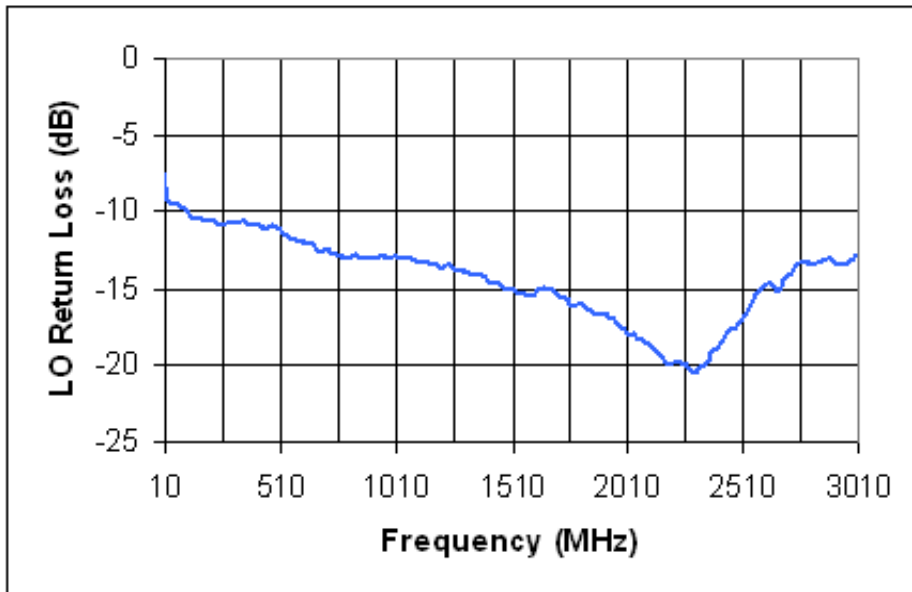
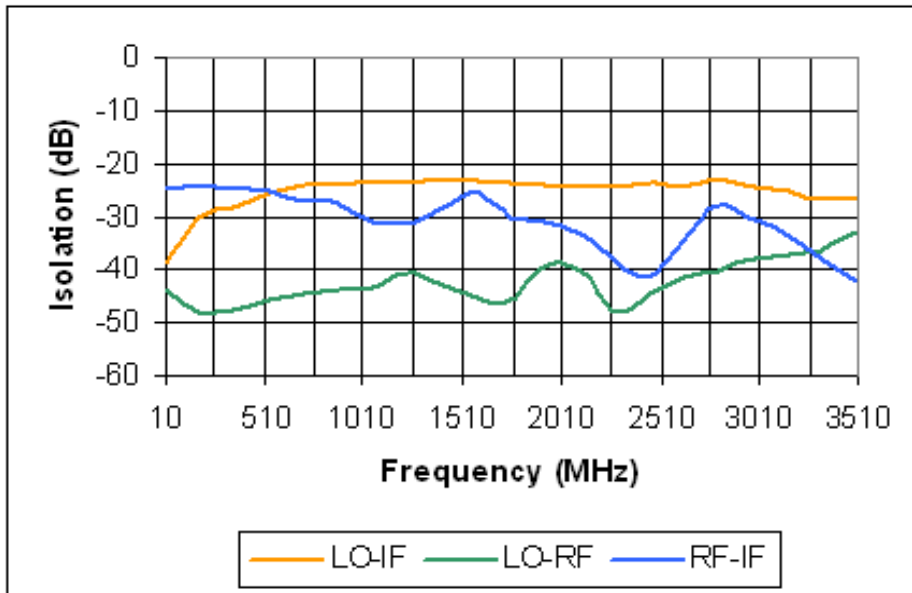
TRIPLE-BALANCED MIXER

CONNECTORIZED MODEL: CMK-3500

WIDE BANDWIDTH

1-3500 MHz

PERFORMANCE PLOTS



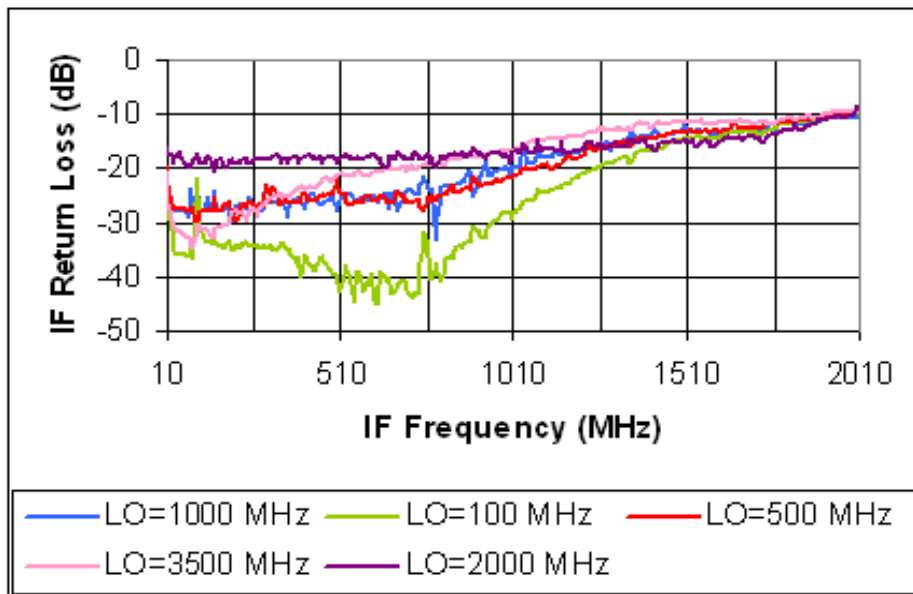
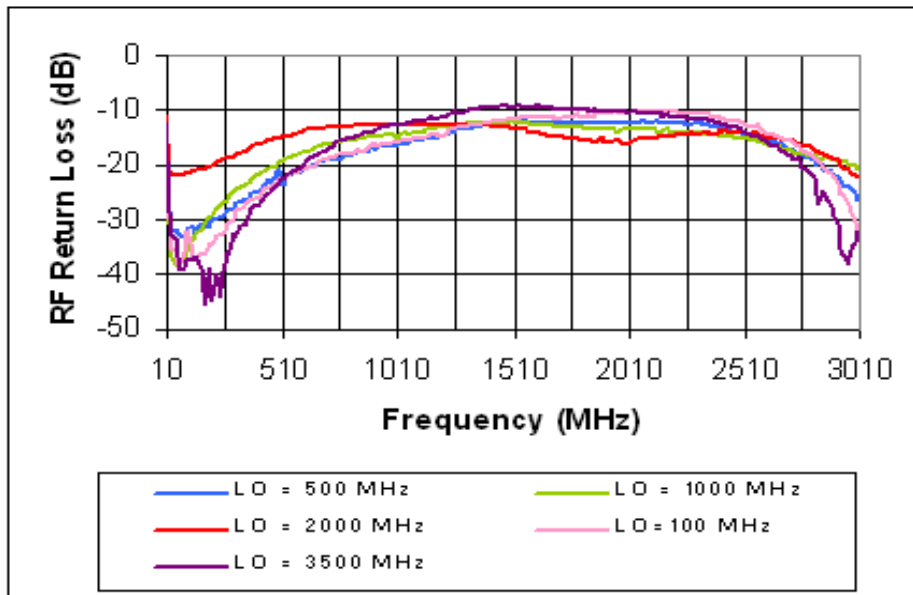
TRIPLE-BALANCED MIXER

CONNECTORIZED MODEL: CMK-3500

WIDE BANDWIDTH

1-3500 MHz

PERFORMANCE PLOTS

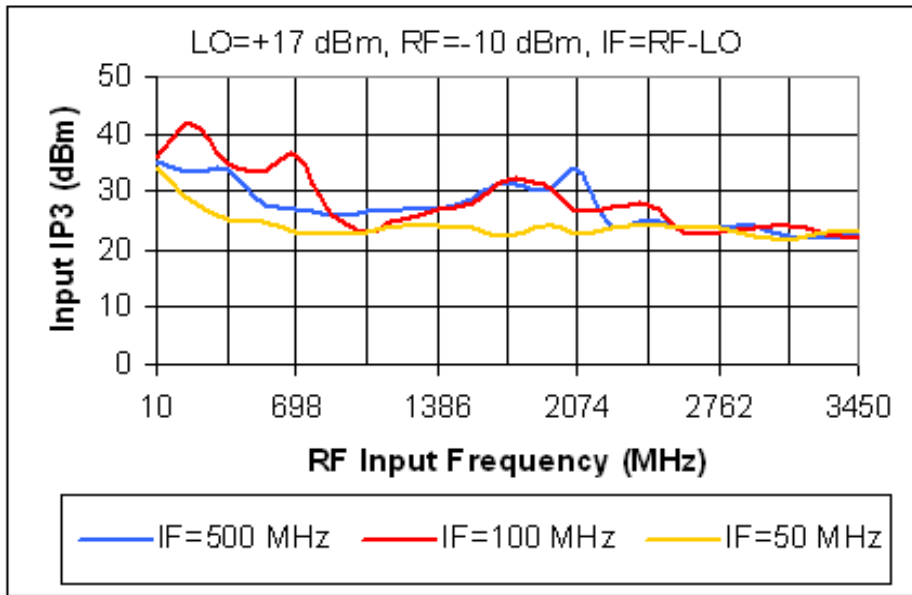


TRIPLE-BALANCED MIXER

CONNECTORIZED MODEL: CMK-3500

WIDE BANDWIDTH

1-3500 MHz



PERFORMANCE PLOTS