

DOUBLE-BALANCED MIXER

CONNECTORIZED MODEL: CLK-6000

WIDE BANDWIDTH

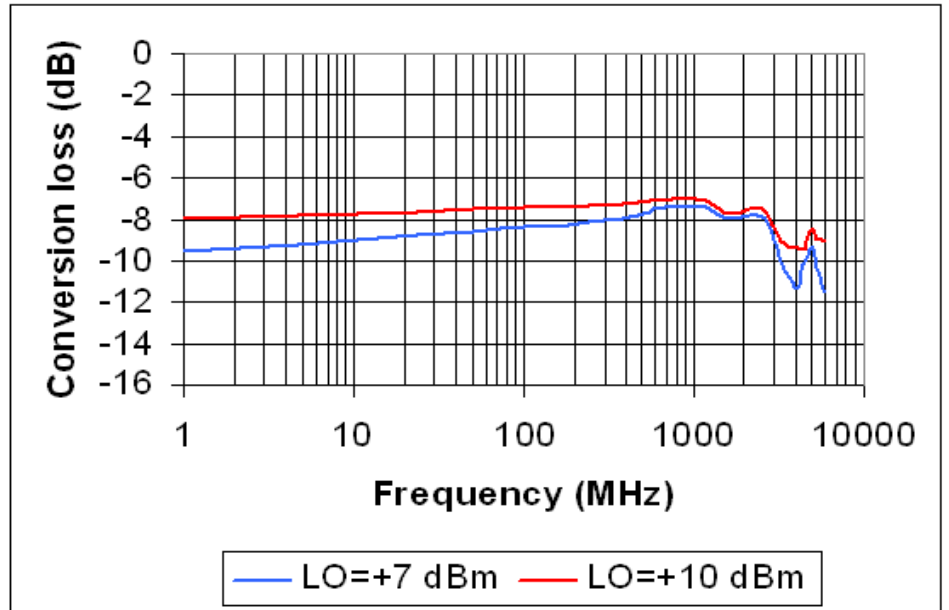
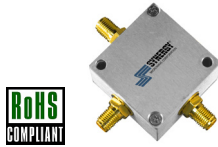
1-6000 MHz

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. C 09/27/17)

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	

Package # 110LF

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

PORT CONFIGURATION		
RF	LO	IF
1	3	2

Dimensions:
 A - 1.250 inch. (31.75 mm)
 B - 1.250 inch. (31.75 mm)
 C - 0.750 inch. (19.05 mm)
 D - 0.375 inch. (9.525 mm)
 E - 1.000 inch. (25.4 mm)
 F - 1.000 inch. (25.4 mm)
 G - ∅0.136 inch. (3.45 mm)
 H - 0.625 inch. (15.875 mm)
 I - 0.625 inch. (15.875 mm)

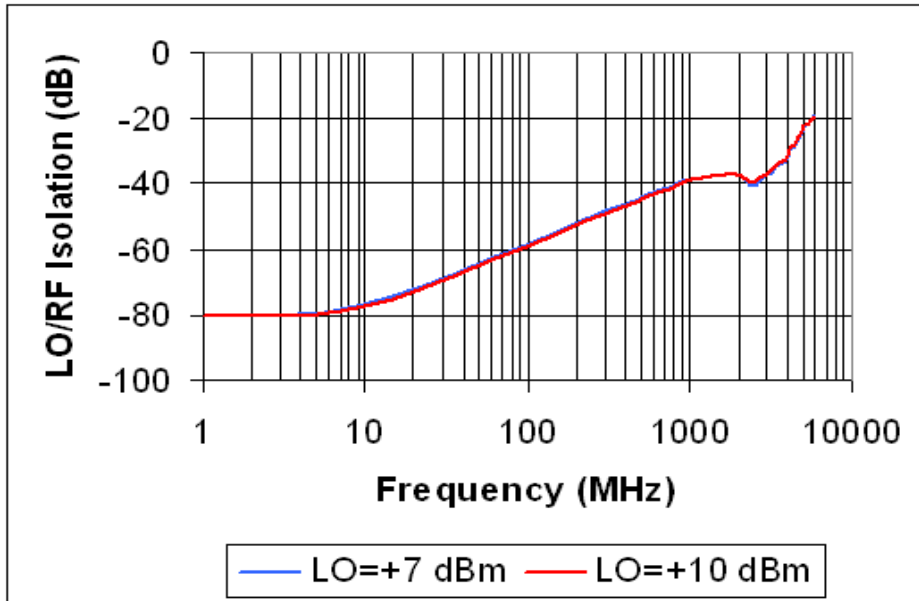
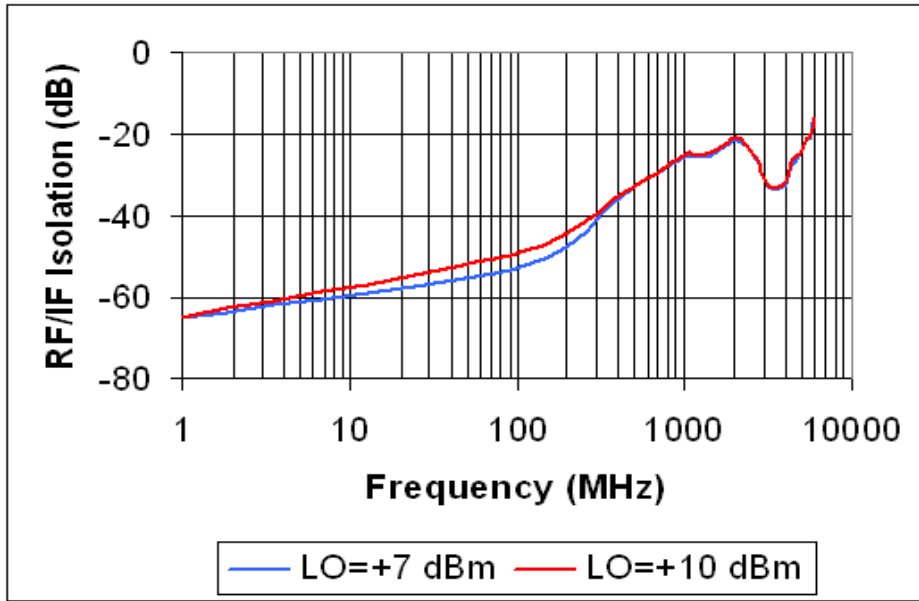
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PERFORMANCE PLOTS

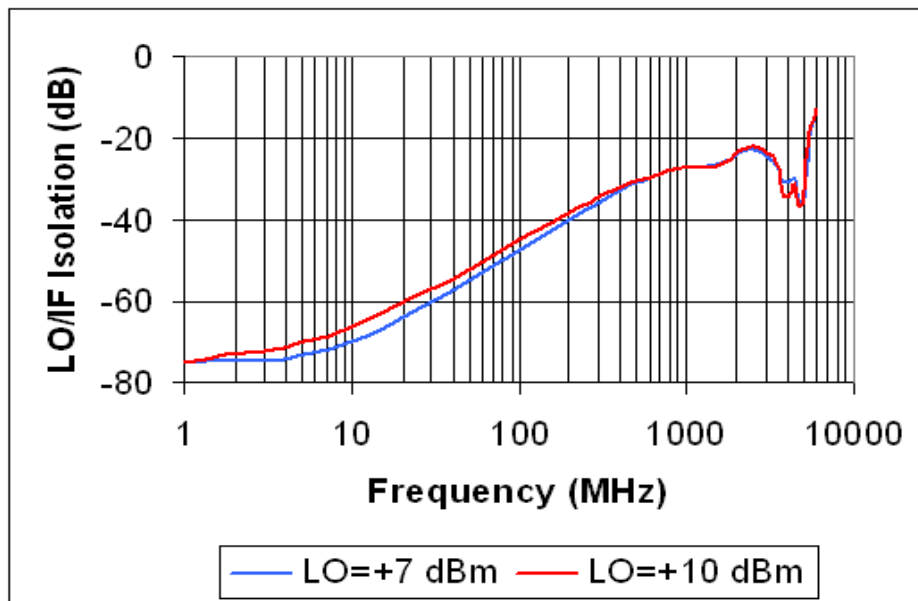


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