Characteristics	Typical	Guaranteed	
		+25°C	-54° to +85°C
SSB Conversion Loss & SSB Noise Figure (max.) f_R = f_L = f_I = f_R = f_L = f_I = f_R = f_L = f_I = f_R = f_L = f_I =			
Isolation (min.) L to R f_L = f_L = f_L = L to I f_L = f_L = f_L = R to I f_R = f_R =			
1 dB Conversion Compression f_L @ f_L @			
Input IP3 f_{R1} = f_{R2} = f_L = f_{R1} = f_{R2} = f_L = f_{R1} = f_{R2} = f_L =			

Absolute Maximum Ratings

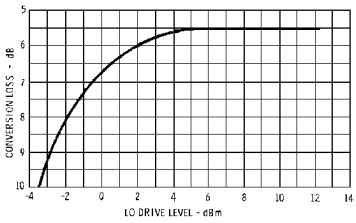
Operating Temperature
Storage Temperature
Peak Input Power
Peak Input Current

Outline Drawing(s)

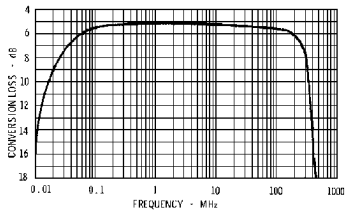
Package	Figure	Model

Typical Performance at 25°C

Conversion Loss

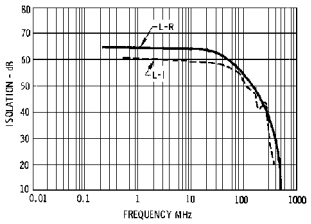


Conversion Loss vs. LO Drive Level: Conversion loss in an SSB system as a function of drive level (f_L level), with f_L and f_R at approximately 50 MHz and f_R level at –20 dBm.



Conversion Loss vs. Input Frequency: Conversion loss of the mixer when used in an SSB system. The frequency ordinate refers to the inputs f_L and f_R with f_I at 20 MHz.

Isolation



Isolation vs. Frequency: Level of the f_L signal at the R- and I-port with respect to the available power of +7 dBm from a 50-ohm source used for f_L.