Frequency Mixer

ADE-ED7940/1

Level 17 (LO Power + 17 dBm)

Important Note

This model has been designed, built and tested in our engineering department. Performance data represents model capability. At present it is a non-catalog model. On request, we can supply a final specification sheet, part number and price/delivery information.



Please click "Back", and then click "Contact Us" for Applications support.

CASE STYLE: CD542

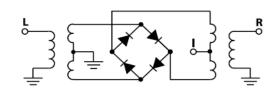
ELECTRICAL SPECIFICATIONS 50Ω @ +25°C						
Parameter		Min.	Тур.	Max.	Units	
Frequency	LO (f∟ to f∪)	10		1500	MHz	
	RF (f∟ to f∪)	10		1500	MHz	
	IF	10		900	MHz	
Conversion Loss	Mid Range		7.4		dB	
	Total Range		7.5		dB	
LO-RF Isolation	Low Range		59		dB	
	Mid Range		48		dB	
	Upper Range		38		dB	
LO-IF Isolation	Low Range		47		dB	
	Mid Range		38		dB	
	Upper Range		19		dB	
Input IP3			+24		dBm	
1 dB Compression			+13		dBm	

Note: Low Range = [fL to 10fL] Mid band = [2fL to fU/2] Mid Range = [10fL to fU/2]

Upper Range = [fU/2 to fU]

MAXIMUM RATINGS			
Operating Temperature	-40°C to 85°C		
Storage Temperature	-55°C to +100°C		

PIN CONNECTIONS			
LO	6		
RF	3		
IF	2		
GROUND	1,4,5		



Electrical Schematic