Engineering Development Model

Frequency Mixer

LAVI-ED12973/1

Level 20 (LO Power + 20 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: CK605

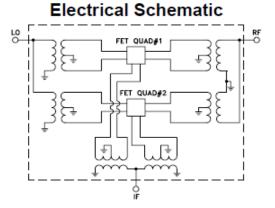
ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Тур.	Max.	Units
Frequency	LO (fL to fU)	10		2000	MHz
	RF (f∟ to f∪)	10		2000	MHz
	IF	50	Γ	900	MHz
Conversion Loss	Mid Range		7.3		dB
	Total Range		8.3		
LO-RF Isolation	Low Range		49		dB
	Mid Range		55		dB
	Upper Range		56		dB
LO-IF Isolation	Low Range		33		dB
	Mid Range		39		dB
	Upper Range		46		dB
Input IP3			+28		dBm
1 dB Compression			+10	•	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	-45°C to 85°C	
Storage Temperature	-55°C to +100°C	

PIN CONNECTIONS			
LO	10		
RF	2		
IF	14		
GROUND	1,3,4,5,6,7,8,9,11,12,13,15,16		



RFV. X2