

Frequency Mixer

LAVI-ED12677

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.



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CASE STYLE : CK605

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency	LO (fL to fU)	61.5		2720	MHz
	RF (fL to fU)	61.5		2720	MHz
	IF	80.5		535	MHz
Conversion Loss	Mid Band		6.8		dB
	Total Range		7.7		dB
LO-RF Isolation	Low Range		56		dB
	Mid Range		62		dB
	Upper Range		58		dB
LO-IF Isolation	Low Range		53		dB
	Mid Range		58		dB
	Upper Range		49		dB
IP3 Input			+27		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
CASE GROUND	1,3,4,5,6,7,8,9,11,12,13,15,16