

Frequency Mixer

HJK-ED12532/2

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.



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CASE STYLE : TTT881

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency	LO (fL to fu)	70		1990	MHz
	RF (fL to fu)	70		1990	MHz
	IF	30		670	MHz
Conversion Loss	mid band		7.6		dB
	Total Range		8.2		dB
LO-RF Isolation	Low Range		50		dB
	Mid Range		44		dB
	Upper Range		42		dB
LO-IF Isolation	Low Range		39		dB
	Mid Range		38		dB
	Upper Range		38		dB
IP3 Input			+26		dBm
1 dB Compression			+17		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	2
RF	1
IF	3
GROUND	4,5,6

Electrical Schematic

