

Frequency Mixer

MWJ-ED14703/1

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.

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CASE STYLE : 99-01-1410

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency	LO (f _L to f _U)	40		140	MHz
	RF (f _L to f _U)	70		170	MHz
	IF	10		100	MHz
Conversion Loss	Mid Range		5.3		dB
	Total Range		5.7		dB
LO-RF Isolation			50		dB
LO-IF Isolation			50		dB
Input IP3			+31		dBm
1 dB Compression			+20		dBm

MAXIMUM RATINGS	
Operating Temperature	-45°C to +85°C
Storage Temperature	-55°C to +100°C

PIN CONNECTIONS	
LO	13
RF	21
IF	2
OPEN	10
GROUND	1,3,4,5,6,7,8,9,11,12,14,15,16,17,18,19,20,22

