

Frequency Mixer

ADE-ED12872/2

Level 7 (LO Power + 7 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 : CD542

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency	LO (f _L to f _U)	300		4000	MHz
	RF (f _L to f _U)	300		4000	MHz
	IF	10		950	MHz
Conversion Loss	Total Range		6.3		dB
LO-RF Isolation			38		dB
LO-IF Isolation			13		dB
Input IP3			+11		dBm
1 dB Compression			+1		dBm

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 Schematics

