

# Frequency Mixer

## ADE-ED14942/1A

Level 13 (LO Power +13 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 : CD541

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency	LO (f <sub>L</sub> to f <sub>U</sub> )	20		750	MHz
	RF (f <sub>L</sub> to f <sub>U</sub> )	20		780	MHz
	IF	DC		250	MHz
Conversion Loss	Total Range		6.6		dB
LO-RF Isolation			42		dB
LO-IF Isolation			40		dB
Input IP3			+26		dBm
1 dB Compression			+9		dBm

MAXIMUM RATINGS	
Operating Temperature	-40°C to +85°C
Storage Temperature	-55°C to +100°C

PIN CONNECTIONS	
LO	6
RF	4
IF	3
GROUND	1,2,5

