

# Frequency Mixer

## ADE-ED12873/9

Level 10 (LO Power + 10 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 (fL to fU)	1500		2000	MHz
	RF (fL to fU)	1500		2000	MHz
	IF	10		300	MHz
Conversion Loss	Total Range		6.1		dB
LO-RF Isolation			35		dB
LO-IF Isolation			26		dB
Input IP3			+12.94		dBm
1 dB Compression			+5		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

Electrical Schematic

