

Frequency Mixer

ADE-ED7490/1

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.



Please click "Back", and then click "Contact Us" for Applications support.

CASE STYLE : CD542

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency	LO (fL to fU)	80		1970	MHz
	RF (fL to fU)	80		1970	MHz
	IF	30		1236	MHz
Conversion Loss	mid band		8.4		dB
	Total Range		8.1		dB
LO-RF Isolation	Low Range		37		dB
	Mid Range		32		dB
	Upper Range		32		dB
LO-IF Isolation	Low Range		32		dB
	Mid Range		31		dB
	Upper Range		28		dB

Note: Low Range = [fL to 10fL] Mid Range = [10fL to fU/2] Upper Range = [fU/2 to fU]
mid band = [2fL to fU/2]

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