

## Frequency Mixer

## ADE-ED7185/1

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 (fL to fU)	350		1625	MHz
	RF (fL to fU)	350		1625	MHz
	IF	0.3		900	MHz
Conversion Loss	mid band		5.4		dB
	Total Range		6.1		dB
LO-RF Isolation			35		dB
LO-IF Isolation			27		dB

**Note:** 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