

Frequency Mixer

ADE-ED6637/2

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 : CD541

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency	LO (fL to fU)	10		1000	MHz
	RF (fL to fU)	10		1000	MHz
	IF	0.2		990	MHz
Conversion Loss	mid band		6.8		dB
	Total Range		6.8		dB
LO-RF Isolation	Low Range		53		dB
	Mid Range		40		dB
	Upper Range		34		dB
LO-IF Isolation	Low Range		53		dB
	Mid Range		44		dB
	Upper Range		35		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	4
IF	3
GROUND	1, 2, 5