

Frequency Mixer

ADE-ED7047/1

Level 14 (LO Power +14 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)	10		1000	MHz
	RF (fL to fU)	10		1000	MHz
	IF	0		1000	MHz
Conversion Loss	mid band		5.6		dB
	Total Range		5.7		dB
LO-RF Isolation	Low Range		54		dB
	Mid Range		40		dB
	Upper Range		32		dB
LO-IF Isolation	Low Range		59		dB
	Mid Range		42		dB
	Upper Range		31		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