

Frequency Mixer

ADE-ED8110/1

Level 13 (LO Power +13 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 (f _L to f _U)	1		1000	MHz
	RF (f _L to f _U)	1		1000	MHz
	IF	20		1990	MHz
Conversion Loss	mid band		6.2		dB
	Total Range		7.0		dB
LO-RF Isolation	Low Range		-		dB
	Mid Range		45		dB
	Upper Range		30		dB
LO-IF Isolation	Low Range		-		dB
	Mid Range		39		dB
	Upper Range		33		dB
IP3 Input			+20		dBm

Note: Low Range = [f_L to 10f_L] Mid Range = [10f_L to f_U/2] Upper Range = [f_U/2 to f_U]
mid band = [2f_L to f_U/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