

Frequency Mixer

ADE-ED7795/1

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)	100		1536	MHz
	RF (fL to fU)	100		1536	MHz
	IF	0.1		868	MHz
Conversion Loss	mid band		6.4		dB
	Total Range		6.5		dB
LO-RF Isolation	Low Range		50		dB
	Mid Range		-		dB
	Upper Range		37		dB
LO-IF Isolation	Low Range		40		dB
	Mid Range		-		dB
	Upper Range		30		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