

Frequency Mixer

ADE-ED6685/1

Level 17 (LO Power +17 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		1369	MHz
	RF (fL to fU)	100		1369	MHz
	IF	0.2		890	MHz
Conversion Loss	mid band		6.4		dB
	Total Range		6.2		dB
LO-RF Isolation	Low Range		47		dB
	Mid Range		-		dB
	Upper Range		38		dB
LO-IF Isolation	Low Range		36		dB
	Mid Range		-		dB
	Upper Range		28		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