

Frequency Mixer

ADE-ED6700

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		1200	MHz
	RF (fL to fU)	100		1200	MHz
	IF	10		901	MHz
Conversion Loss	mid band		6.9		dB
	Total Range		7.2		dB
LO-RF Isolation	Low Range		38		dB
	Mid Range		-		dB
	Upper Range		26		dB
LO-IF Isolation	Low Range		40		dB
	Mid Range		-		dB
	Upper Range		34		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	2
IF	3
GROUND	1, 4, 5