

## Non-Catalog Model

# Frequency Mixer

## Level 7 (LO Power +7 dBm)

# ADE-28

### Important Note

This is a non-catalog model and can be manufactured on specific request. Pricing and delivery information can be supplied upon request.



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**CASE STYLE : CD542**

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency	LO (fL to fU)	1500		2800	MHz
	RF (fL to fU)	1500		2800	MHz
	IF	0		1000	MHz
Conversion Loss			5.1	8.2	dB
LO-RF Isolation		21	30		dB
LO-IF Isolation		17	27		dB
IP3 Input			+8		dBm
1 dB Comp. Input Power			+1		dBm

**Note:** Aqueous washable.

MAXIMUM RATINGS	
Operating Temperature	-40°C to 85°C
Storage Temperature	-55°C to 100°C
RF Power	50mW
IF Current	40mA

PIN CONNECTIONS	
LO	6
RF	4
IF	3
GROUND	1, 2, 5

### Electrical Schematics

