

# Non-Catalog Model

## Frequency Mixer

# ADE-3L

### Level 3 (LO Power +3 dBm)

#### Important Note

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



Please click "Back", and then click "Contact Us" for Applications support.

**CASE STYLE : CD636**

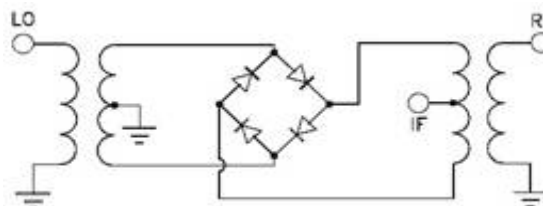
ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency	LO (fL to fU)	0.2		400	MHz
	RF (fL to fU)	0.2		400	MHz
	IF	0		400	MHz
Conversion Loss	mid band		5.3	6.5	dB
	Total Range			9.0	dB
LO-RF Isolation	Low Range	50	58		dB
	Mid Range	34	47		dB
	Upper Range	28	38		dB
LO-IF Isolation	Low Range	50	55		dB
	Mid Range	25	38		dB
	Upper Range	20	30		dB
IP3 Input @ center band			+10		dBm
1 dB Comp. Input Power			-3		dBm

Notes: Low Range = [fL to 10fL]      Mid Range = [10fL to fU/2]      Upper Range = [fU/2 to fU]  
 mid band = [2fL to fU/2]

Aqueous washable.

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

#### Electrical Schematics



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