## **Frequency Mixer**

ZLW-8

Level 7 (LO Power +7 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: M21** 

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Тур.	Max.	Units
Frequency	LO (fL to fU)	0.001		10	MHz
	<b>RF</b> (fL to fU)	0.001		10	MHz
	IF	0		10	MHz
Conversion Loss	mid band		5.7	7.5	dB
	Total Range			8.5	dB
LO-RF Isolation	Low Range	50	60		dB
	Mid Range	40	50		dB
	<b>Upper Range</b>	35	45		dB
LO-IF Isolation	Low Range	50	60		dB
	Mid Range	40	50		dB
	<b>Upper Range</b>	35	45		dB
1 dB Comp. Input Power			+1		dBm

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

Upper Range = [fU/2 to fU]

Rugged shielded case. SMA connectorized

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

PIN CONNECTIONS			
LO	1		
RF	3		
IF	2		

## **Electrical Schematics**

