

## Non-Catalog Model

# Frequency Mixer

## Level 4 (LO Power +4 dBm)

# MBA-18L

### 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 : SM2**

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency	LO (fL to fU)	1600		3200	MHz
	RF (fL to fU)	1600		3200	MHz
	IF	0		500	MHz
Conversion Loss			6.5	8.9	dB
LO-RF Isolation		17	24		dB
LO-IF Isolation		10	16		dB
IP3 Input			+8		dBm
1 dB Comp. Input Power			-1		dBm

**Note:** units are non-hermetic.

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	10
RF	5
IF	3
GROUND	1, 2, 4, 6, 7, 8, 9

### Electrical Schematics

