

## Non-Catalog Model

# Frequency Mixer

## Level 7 (LO Power +7 dBm)

# MBA-26

### 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
<b>Frequency</b>	<b>LO</b> (fL to fU)	2200		2700	MHz
	<b>RF</b> (fL to fU)	2200		2700	MHz
	<b>IF</b>	0		500	MHz
<b>Conversion Loss</b>			5.7	8.0	dB
<b>LO-RF Isolation</b>		32	40		dB
<b>LO-IF Isolation</b>		18	33		dB
<b>IP3 Input</b>			+9		dBm
<b>1 dB Comp. Input Power</b>			+1		dBm

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

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

PIN CONNECTIONS	
<b>LO</b>	10
<b>RF</b>	5
<b>IF</b>	3
<b>GROUND</b>	1, 2, 4, 6, 7, 8, 9

### Electrical Schematics

