

## Frequency Mixer

## MBA-EE7756/8

### Level 13 (LO Power +13 dBm)

#### Important Note

This model has been designed, built and tested in our engineering department. Performance data represents model capability. At present it is a non-catalog model. On request, we can supply a final specification sheet, part number and price/delivery information.



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**CASE STYLE : SM2**

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency	LO (fL to fU)	800		4100	MHz
	RF (fL to fU)	800		4100	MHz
	IF	53		900	MHz
Conversion Loss	mid band		7.0		dB
	Total Range		7.1		dB
LO-RF Isolation			29		dB
LO-IF Isolation			14		dB

**Note:** mid band = [2fL to fU/2]

MAXIMUM RATINGS	
Operating Temperature	-40°C to 85°C
Storage Temperature	-55°C to 100°C

PIN CONNECTIONS	
LO	10
RF	5
IF	3
GROUND	1, 4, 7, 8, 9
ISOLATE	2, 6