

Frequency Mixer

MBA-EE7756/7

Level 7 (LO Power +7 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 (f _L to f _U)	800		4100	MHz
	RF (f _L to f _U)	800		4100	MHz
	IF	0.1		842	MHz
Conversion Loss	mid band		6.6		dB
	Total Range		7.1		dB
LO-RF Isolation			29		dB
LO-IF Isolation			14		dB

Note: mid band = [2f_L to f_U/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