

Frequency Mixer

MBA-EE7756/10

Level 17 (LO Power +17 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)	700		4100	MHz
	RF (fL to fU)	700		4100	MHz
	IF	2		1000	MHz
Conversion Loss	mid band		6.7		dB
	Total Range		7.0		dB
LO-RF Isolation			31		dB
LO-IF Isolation			13		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