

Frequency Mixer

SYM-ED7059/1

Level 10 (LO Power + 10 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 : TTT167

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency	LO (fL to fu)	5		2500	MHz
	RF (fL to fu)	5		2500	MHz
	IF	10		800	MHz
Conversion Loss	mid band		6.2		dB
	Total Range		6.5		dB
LO-RF Isolation	Low Range		44		dB
	Mid Range		49		dB
	Upper Range		37		dB
LO-IF Isolation	Low Range		44		dB
	Mid Range		38		dB
	Upper Range		30		dB
1 dB Compression			+5		dBm

Note: Low Range = [fL to 10fL]
mid band = [2fL to fu/2]

Mid Range = [10fL to fu/2]

Upper Range = [fu/2 to fu]

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

PIN CONNECTIONS	
LO	2
RF	1
IF	3
GROUND	4,5,6