

Non-Catalog Model

Frequency Mixer

SCM-1LH

Level 10 (LO Power + 10 dBm)

Important Note

This is a non-catalog model and can be manufactured on specific request. Pricing and delivery information can be supplied upon request.

Please click "Back", and then click "Contact Us" for Applications support.



CASE STYLE : YY109

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency	LO (f _L to f _U)	1		500	MHz
	RF (f _L to f _U)	1		500	MHz
	IF	0		500	MHz
Conversion Loss	Mid band		5.8	7.0	dB
	Total Range			8.0	
LO-RF Isolation	Low Range	40	60		dB
	Mid Range	35	50		
	Upper Range	30	40		
LO-IF Isolation	Low Range	40	50		dB
	Mid Range	35	45		
	Upper Range	25	40		
1 dB Compression			+5		dBm

Note: Low Range = [f_L to 10f_L]
Mid band = [2f_L to f_U/2]

Mid Range = [10f_L to f_U/2]

Upper Range = [f_U/2 to f_U]

Non-hermetic

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

PIN CONNECTIONS	
LO	8
RF	1
IF	3,4 [^]
GROUND	2,5,6,7

[^] - pins must be connected together externally

Electrical Schematics

