

# Frequency Mixer

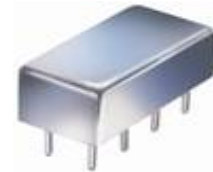
# SBL-11LH

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 : A06

L SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency	LO (fL to fU)	5		2000	MHz
	RF (fL to fU)	5		2000	MHz
	IF	10		600	MHz
Conversion Loss	mid band		7.0	8.5	dB
	Total Range			9.5	dB
LO-RF Isolation	Low Range	45	60		dB
	Mid Range	30	45		dB
	Upper Range	20	30		dB
LO-IF Isolation	Low Range	35	50		dB
	Mid Range	20	30		dB
	Upper Range	16	25		dB
1 dB Comp. Input Power			+5		dBm

Notes: Low Range = [fL to 10fL]  
mid band = [2fL to fU/2]

Mid Range = [10fL to fU/2]

Upper Range = [fU/2 to fU]

Non-hermetic

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

PIN CONNECTIONS	
LO	8
RF	1
IF	3
GROUND	2, 5, 6, 7

### Electrical Schematics

