

WaveSources

Reno, Nevada 775-322-0968

LCFP10083120

Surface Mount Fixed Frequency Synthesizer

831 MHZ

Electrical Specifications, Data @ 25°C - Specifications subject to change without notice

PARAMETER	TEST CONDITIONS	UNITS	MIN	TYPICAL	MAX
FREQUENCY RANGE		MHZ		831.000	
REFERENCE FREQUENCY		MHZ		10	
STEP SIZE		KHZ		20	
OUTPUT POWER ^{1,2}		dBm		5.0	
POWER FLATNESS ^{1,2}		dBm			+/-2
HARMONICS ^{ALL}		dBc		-45	-20
SPURIOUS		dBc		<-70	-70
PHASE NOISE	SSB @ 1KHZ	dBc/HZ		-75	-55
	SSB @ 10KHZ	dBc/HZ		-95	-80
	SSB @ 100KHZ	dBc/HZ		-115	-100
	SSB @ 1000KHZ	dBc/HZ		-128	-115
TEMP RANGE		°C	-20		70
VCC		V	+11.75	+12.0	+12.25
ICC		MA			65

1. All data specified are with a 50-Ohm load termination.
2. Power Flatness is specified @ MIN, MAX frequencies, and Temp Range.