

Synthesizer, 4.0-4.6GHz, 15dBm, +12Volts

code-L1

1MHz Step Size, SMA Female Connectors, 100 MHz External Reference

Variable Frequency: Select any 200MHz Bandwidth between 4.0-4.6GHz

RSYNTH-L511-4.0-4.6(200M)-1MHz-Sf-15d(+12v,-5)-ER100M-L1

Raditek's L511 Series is a Dual-Loop Microwave Synthesizer with low phase noise levels -90dBc/Hz. The synthesizers are designed to handle 200MHz bandwidth with 1MHz step size in a small package. As one of the attractive feature, the synthesizer can memorized the frequency data, up to 20 channels and the data will be re-written from outside of the unit.



Order Examples: RSYNTH-L511-4.0-4.2 -1MHz-Sf-15d(+12v,-5)-ER100M-L1

Electrical Performance		Units
Frequency Range:	4.0-4.6	GHz
Band Width	200	MHz
Step Size (min)	1	MHz
RF Output (min)	+15	dBm
Phase Noise		
• 1 KHz offset	-90	dBc/Hz
• 10 kHz offset	-90	dBc/Hz
• 100 KHz offset	-100	dBc/Hz
• 1 MHz offset	-120	dBc/Hz
Spurious: (Non-Harmonics)	-80	dBc
External Reference	100	MHz
DC Power	400	mA @+12V
	30	mA @-5V
Connectors		
• RF Out ,Reference In	SMA(F)	
• DC, Channel Select, Alarm	Feed through	
Package	60x90x20	mm

ROHS Compliant

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