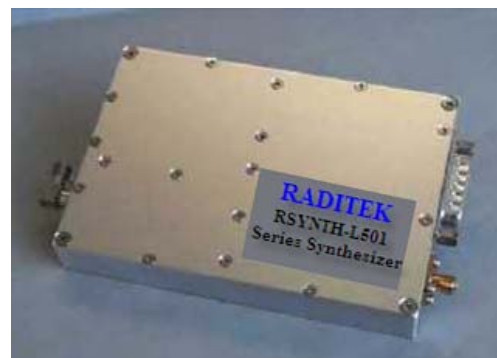


Synthesizer, 150-1000 MHz, 15dBm, 12Volts
5kHz Step Size, SMA Female Connectors, 20 to 100 MHz External Reference
Variable Frequency: Select any 200MHz Bandwidth between 150-1000MHz
RSYNTH-L501-150-1000M(200M)-5kHz-Sf-15d12v-ER20~100M-L1

code-L1

.Raditek's L501 Series is a Dual-Loop Digital Synthesizer, with very wide frequency ranges from (150 to 1000 MHz). These synthesizers are designed for various requirements and applications including Digital Broadcast TV, Microwave Links and Test Instruments. Essential characteristics such as, Phase Noise Level, Frequency Bandwidth, Step Size and RF Output Level can be achieved based on the customers requirement.



Order Examples: RSYNTH-L501-150-350M-5kHz-Sf-15d12v-ER20~100M-L1

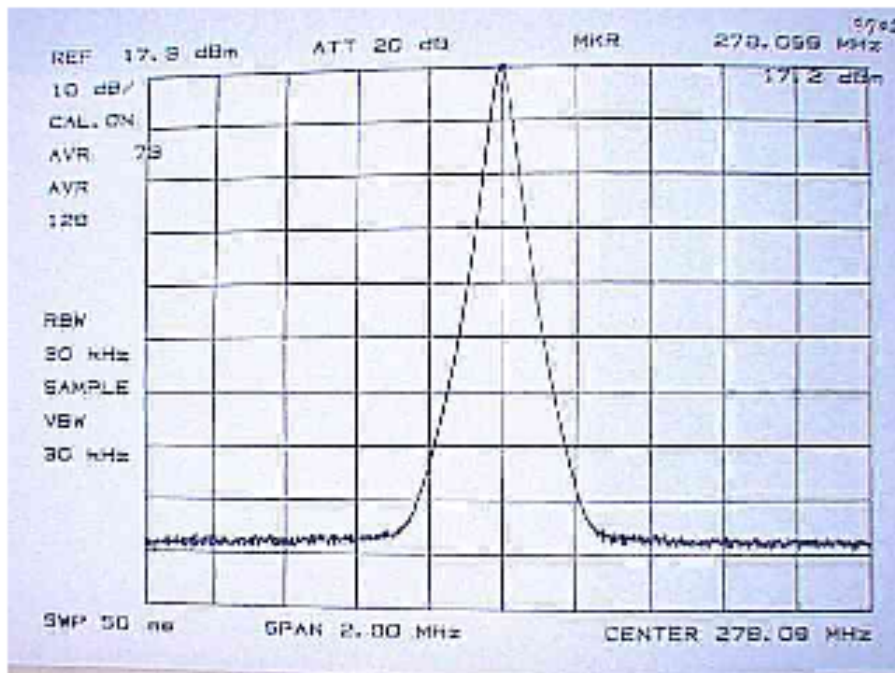
Electrical Performance		Units
Frequency Range:	150-1000	MHz
Band Width	200	MHz
Step Size (min)	5	kHz
RF Output (min)	+15	dBm
Phase Noise		
• 100Hz offset	-90	dBc/Hz
• 1 KHz offset	-100	dBc/Hz
• 10 kHz offset	-100	dBc/Hz
• 100 KHz offset	-120	dBc/Hz
• 1 MHz offset	-135	dBc/Hz
Spurious:		
• Harmonics (N±1)	-40	dBc
• Non-Harmonics	-65	dBc
External Reference	20 ~ 100	MHz
DC Power	400	mA @+12V
Connectors RF Out, Ref. In	SMA (F)	
DC, Data ,Clock, Strobe, Alarm	D- Sub (15 pin)	
Dimensions	120x70x20	

ROHS Compliant

RADITEK INC.

Synthesizer, 150-1000 MHz, 15dBm, 12Volts
5kHz Step Size, SMA Female Connectors, 20 to 100 MHz External Reference
Variable Frequency: Select any 200MHz Bandwidth between 150-1000MHz
RSYNTH-L501-150-1000M(200M)-5kHz-Sf-15d12v-ER20~100M-L1

code-L1



Phase Noise, Span: 2MHz, RBW: 30kHz