

## Key Features

- Fast Rise/Fall Time
- Adjustable Output Amplitude
- Wide Repetition Frequency

## Applications

- Picosecond Electrical Pulse Amplification
- RF Driver for Gain Switch Application
- High Speed Modulator Driver



Category	Parameter	Specification			Unit
		Min	Typ	Max	
Input Parameters	Pulse Shape	Sine or Square			nm
	Input Pulse Width <sup>(1)</sup>	30		1500	ps
	Input Level	0.4		1	Vpp
	Input Impedance		50		Ohm
	Repetition Frequency	0.01		12000	MHz
Output Parameters	Output Coupling		AC		
	Adjustable Output Amplitude <sup>(2)</sup>	3	5.5	6.5	Vpp
	Rise/Fall Time (20~80%) @ Max. Amplitude		15	20	ps
	Additive Jitter		550		fs
	Output Impedance		50		Ohm
Interface	Input/Output Connector	K-connector			
	Power Supply	AC 100 ~ 240V, 50/60 Hz			
Recommended Operating Conditions	Operating Temperature	+0 ~ +45			°C
	Storage Temperature	0 to +60			°C
	Dimension (WxHxD)	100 x 50 x 150			mm
Physical	Weight	2			kg

Note:

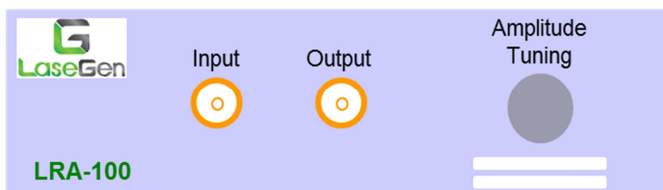
(1) The maximum input pulse width at frequency of 10 MHz.

(2) At low frequency operation of 10kHz, the maximum achievable amplitude may be <5.0 V<sub>pp</sub>.

## Order Instruction

Model LRA-100

### Front Panel



### Rear Panel

