

Picosecond Pulsed Diode Laser

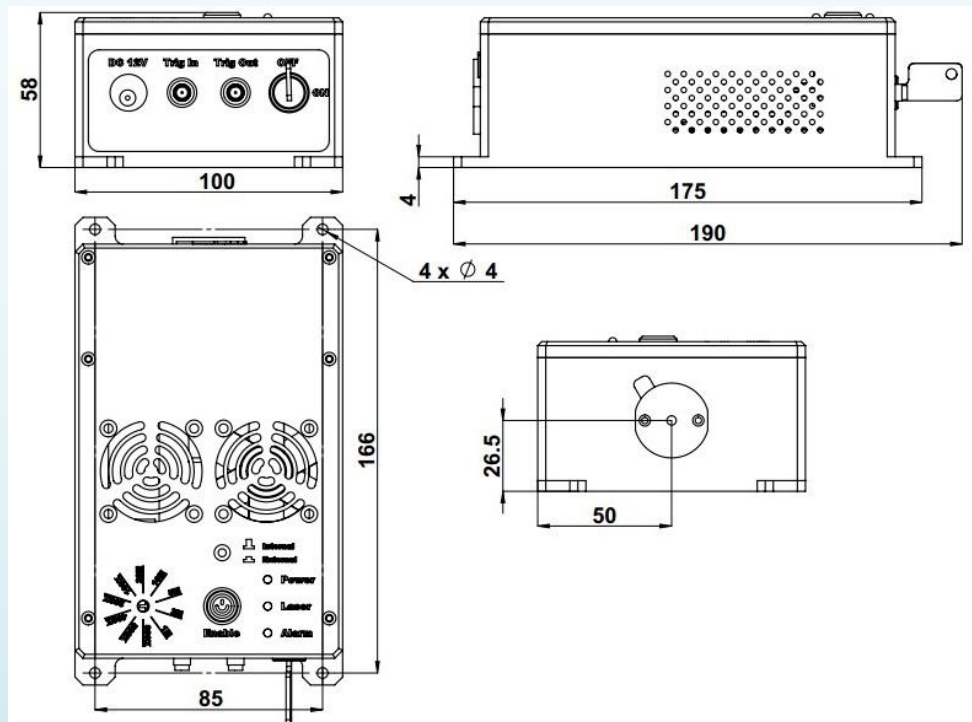
Picosecond pulsed diode laser features with narrow pulse duration, high repetition frequency and easy operation. It is widely used in fluorescence excitation, time resolve spectrum, high sensitive absorption spectroscopy, etc.



◆ Specification

Model	Output power	Rep. rate (MHz)	Pulse duration (ps)
MDL-PS-450	10 μ W ~0.5 mW	0.1-80MHz	100-1000
MDL-PS-640	50 μ W ~3.5 mW	0.1-80MHz	100-1000
MDL-PS-655	20 μ W ~1.5 mW	0.1-80MHz	100-1000
MDL-PS-785	70 μ W ~3.2 mW	0.1-80MHz	100-1000
MDL-PS-808	90 μ W ~6.0 mW	0.1-80MHz	100-1000
MDL-PS-852	10 μ W ~1.0 mW	0.1-80MHz	100-1000
MDL-PS-940	20 μ W ~1.5 mW	0.1-80MHz	100-1000
MDL-PS-980	20 μ W ~1.5 mW	0.1-80MHz	100-1000

◆ Dimensions

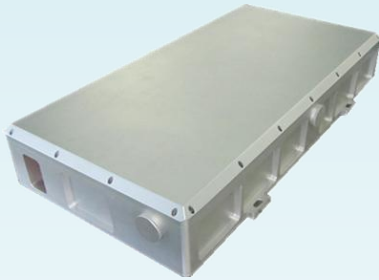


Laser Head

CNI LASER: Complete Solution for Laser Technology!

Mode-Locked & Picosecond Laser Series

Superior beam quality, best reliability, mode-locked & picosecond pulsed laser, pulsed duration could be less than 20 ps. Housed in compact packages, are the perfect choice for design in and integration into OEM instrumentation and systems and also for end user applications in research and development.



PS-R series

Applications

Raman spectroscopy	Marking, Carving
Material processing	Astronomy
Scientific research	Optical instrument

◆ Specification

Model	Output power (mw)	Rep. rate (MHz)	Pulse duration (ps)
PS-R-266	1-50	48 ± 1	< 20
PS-R-355	1-2000	48 ± 1	< 20
PS-R-532	1-3000	48 ± 1	< 20
PS-R-1064	1-10000	48 ± 1	< 20
PS-seed-1064	1-300	80 ± 1	< 20
Macro/ Micro-1064-P	10w	Micro ~100MHz	Macro 160 μ s
Macro/ Micro-1319-P	7w	Micro ~100MHz	Macro 160 μ s

◆ Features of Picosecond Laser

