

FIBER LASER

CL-200-1-A

en | Data sheet | 1.2.3

- Air-cooled MOPA fiber laser 200 Watt
- Variable adjustable pulse width 2 - 500 ns
- Maximum pulse energy 1.5 mJ @500 ns
- Frequencies up to 4000 kHz
- Developed for cleaning and ablation



Wavelength	1064 nm
Nominal output power	200 W
Laser operation mode	Pulsed
Beam quality (\leq)	2.5 M ²
Pulse frequency	1 – 4000 kHz
Full power frequency	130 – 4000 kHz
Max. peak pulse power	6 kw @ 350 ns
Pulse width	2 – 500 ns
Max. pulse energy	1,5 mJ @ 500 ns
Power instability \emptyset	5%
Power tuning range	0 – 100%
Polarization	Random
Anti-reflective coating	Standard

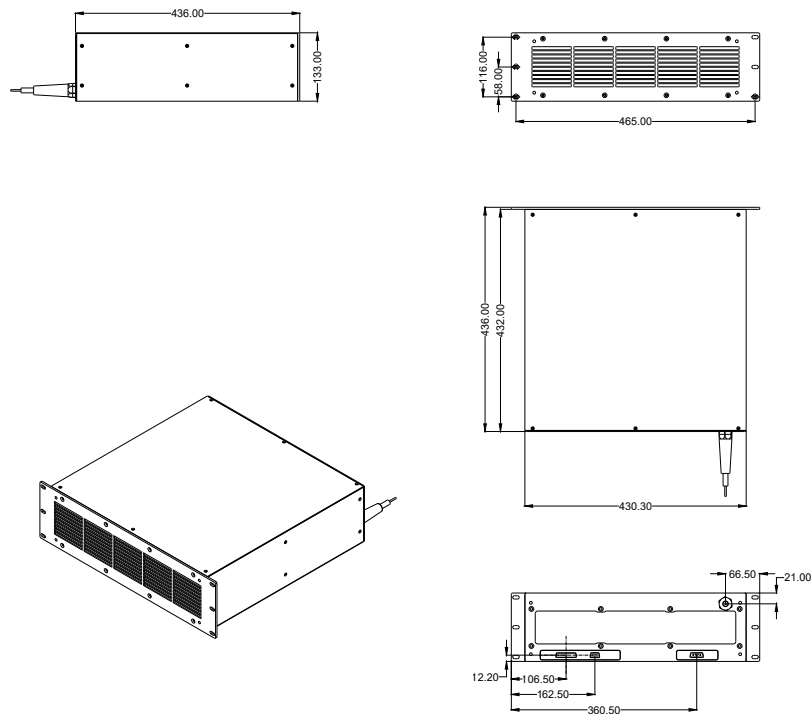
Beam diameter D4 σ	7 mm ^[1]
Fiber length	5 m ^[2]
Cooling method	Air
Aiming beam	Standard
Adjustable pulse width	Yes
House keeping function	Standard
Supply voltage DC	48 V
Current consumption	16 A
Power consumption @ 20°C	800 W
Operation temperature	0 – 40 °C
Storage temperature	-10 – 60 °C
Mechanical dimensions (W × D × H)	483 × 113 × 523 mm
Net weight	25 kg

Product customizations are possible on request.

^[1] Other available beam diameters: 4 mm – 7 mm

^[2] Other available fiber lengths: 3 m / 8 m





Laser product
Class 4

JPT

Manufacturer

Fiber laser

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Dimensions are given in millimeters and are intended as reference values.
Binding information is available on request.

