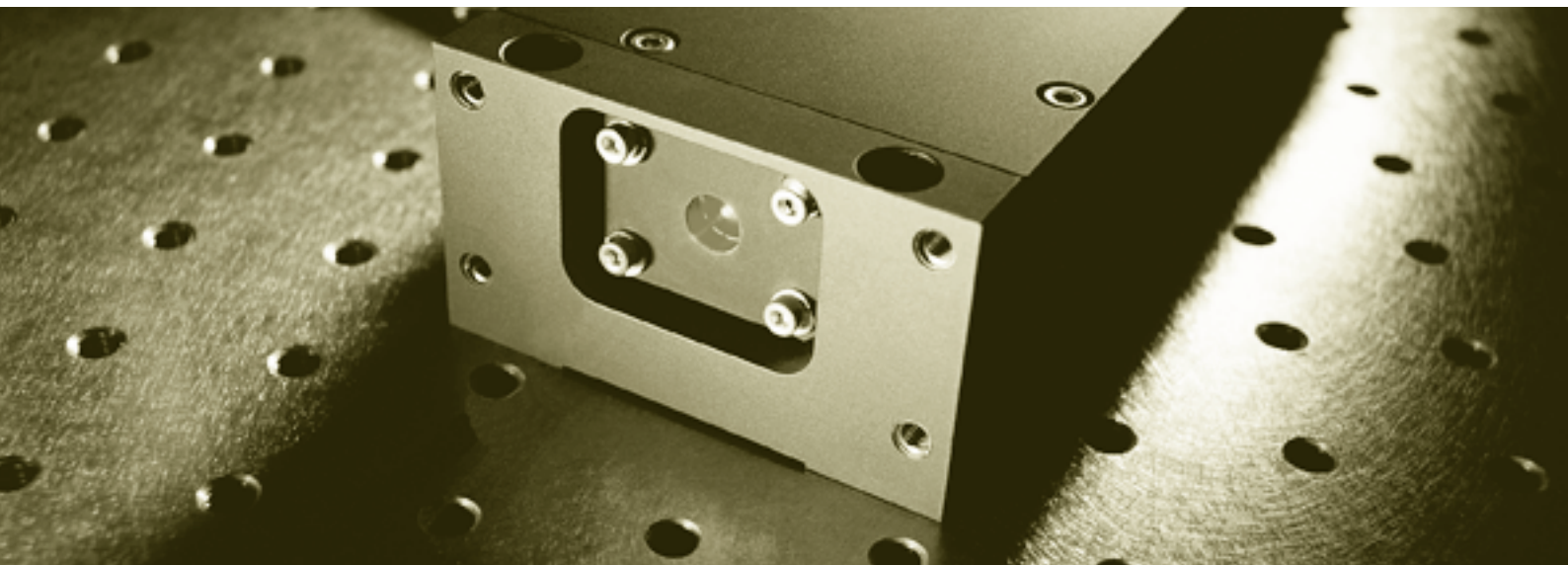




## JenLas<sup>®</sup> D2.IR

Diode-Pumped Thin-Disk Laser



### Features:

- OEM design for easy integration
- Peltier cooling (TEC), system contains no water
- High beam quality
- Small dimensions
- Long Life Performance

### Technology:

- Thin-disk laser
- Diode pumping
- cw operation

### Applications:

- Micro material processing
- Medical engineering

Excellence through light: Lasers

# JenLas<sup>®</sup> D2.IR

## Diode-Pumped Thin-Disk Laser

### Specifications

#### Parameters

Laser	Thin-disk laser, diode-pumped
Laser class	4 (according to EN 60825-1)
Wavelength	1064 nm
Ambient temperature	5 °C ... 40 °C

#### cw operation

Output power	8 W
M <sup>2</sup> (typical)	5 (coupling into fiber with 50 µm core)
Pulse duration, switchable via diode laser current	~ 1 ms to cw
Beam diameter	< 2 mm

#### Electrical specifications

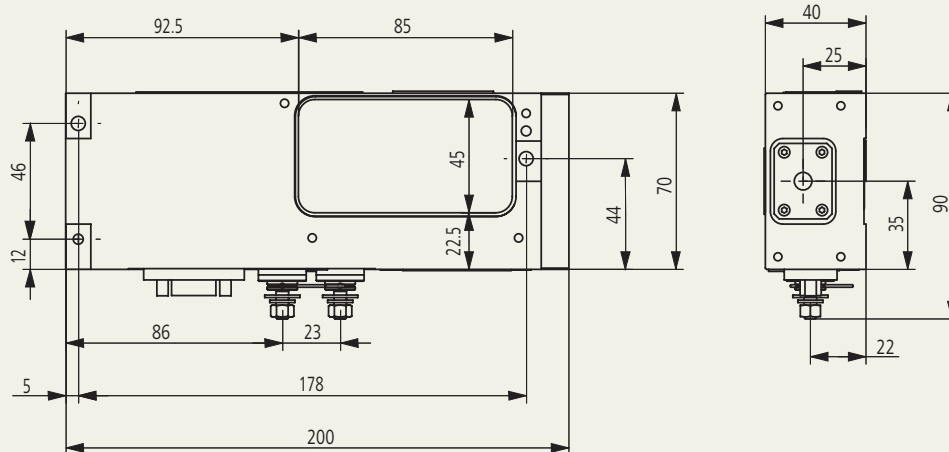
Electrical input data	2 V, typically 23 A (at diode laser)
Input power	≤ 60 VA

#### Mechanical specifications

Dimensions (W x H x L)	70 mm x 40 mm x 200 mm
Weight	1.8 kg

For the operation of the laser, a suitable power supply must be used that complies with the regulations relevant to the respective application. Please contact us for further technical details.

#### Laser head



It is our policy to constantly improve the design and specifications. Accordingly, the details represented herein cannot be regarded as final and binding.



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