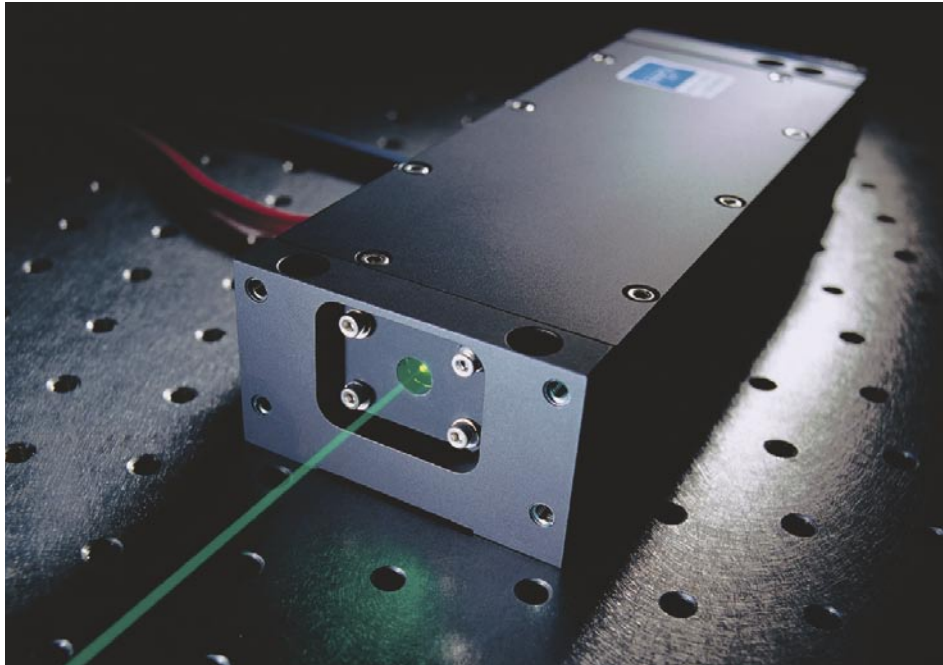


JenLas.[®] D2

Diode-Pumped Thin-Disk Laser

- frequency-doubled.



JenLas.[®] D2 - laser head.

Highly efficient
in the green spectral range.

Output power 5 watts.

Rugged design,
superior reliability.

Features:

- OEM design for easy integration.
- Peltier cooling, system contains no water.
- High beam quality.
- Small dimensions.

Laser source for Applications:

- Display engineering.
- Pumping of solid-state lasers.
- Light exposure of plastic materials.
- Medical engineering.
- Show applications.
- Substitution of Argon lasers.

Technology:

- Thin-disk laser.
- Diode pumping.
- Frequency doubling.
- cw operation.

JenLas.[®] D2

Diode-Pumped Thin-Disk Laser

- frequency-doubled.

Specifications

Laser	Thin-disk laser, diode-pumped
Laser class	4 (according to EN 60825-1)
Wavelength	532 nm
Ambient temperature	+ 5 °C ... + 40 °C

cw operation

Output power	5 W
M ² (typical)	5
Pulse duration	1 ms to cw
switchable via diode laser current	

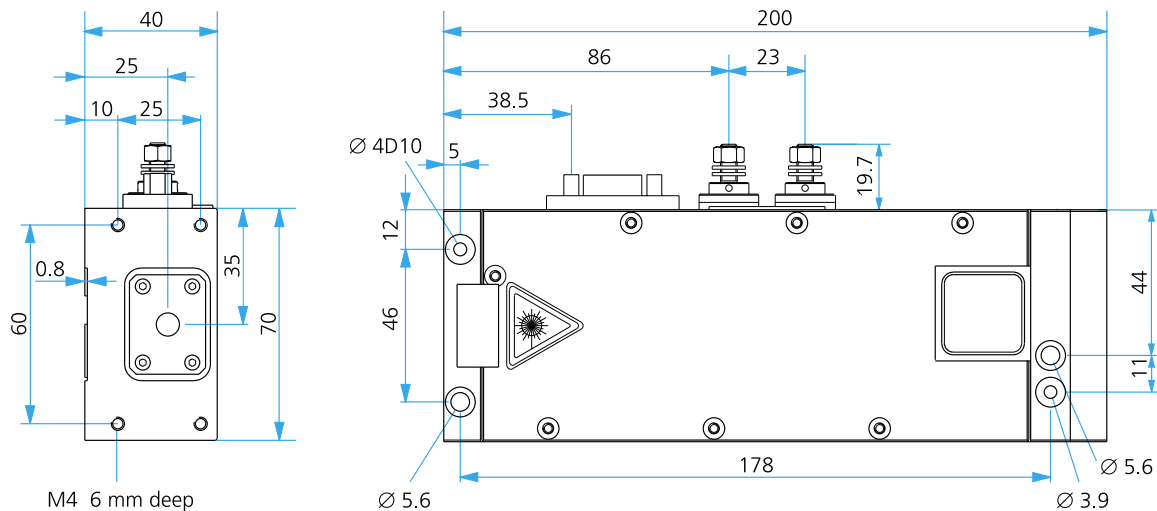
Electrical specifications

Electrical input data	2 V, typically 30 A (at diode laser)
Input power	< 60 VA

Mechanical specifications

Laser head	
Dimensions (W x H x L)	70 mm x 40 mm x 200 mm
Weight	approx. 2 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.*



As our policy is constantly to improve the design and specification, the details here shown are not be regarded as binding.