

JenLas.[®] D2.8 Diode-Pumped Thin-Disk Laser - frequency-doubled.



JenLas.[®] D2.8 - laser head.

High performance
in the green spectral range.

Output power 8 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:

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

Technology:

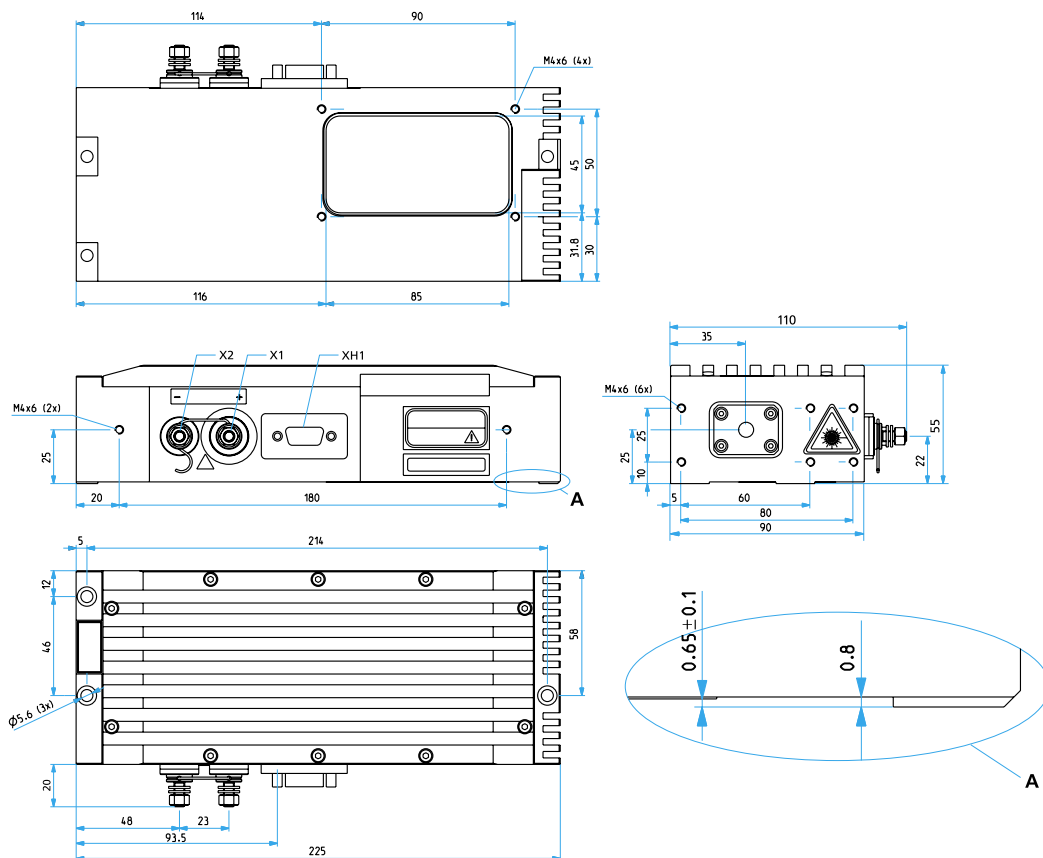
- Thin-disc laser.
- Diode pumping.
- Frequency doubling.
- cw operation.

Diode-Pumped Thin-Disk Laser JenLas.[®] D2.8 - frequency-doubled.

Specifications

Laser	Thin-disk laser, diode-pumped	Electrical specifications	
Laser class	4 (according to EN 60825-1:2001)	Electrical input data	2 V, typically 40 A (at diode laser)
Wavelength	532 nm	Input power	< 80 VA
Ambient temperature	+ 10 °C ... + 40 °C	Mechanical specifications	
cw operation		Laser head	
Output power	8 W	Dimensions (W x H x L)	110 mm x 55mm x 225 mm
M ² (coupling into fiber 100 mm)	< 10	Weight	approx. 2.5 kg
Pulse length via diode laser current	1 ms to cw switchable		
Beam diameter	< 2 mm		
Ellipticity	< 1:1.5		

*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.

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