



JenLas[®] fiber cw 1550

cw Fiber Lasers - 1550 nm



Advantages:

- CW or modulated
- Perfect beam quality ($M^2 < 1.1$)
- Analog/digital control
- OEM-design
- Highly reliable components

Customer benefits:

- Multifunctional applications
- High precision
- User friendly
- Maintenance free
- Low cost of ownership

Applications:

- Biomedical
- Aesthetics
- Optical tweezers
- Plastic welding
- Micromachining

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Specifications

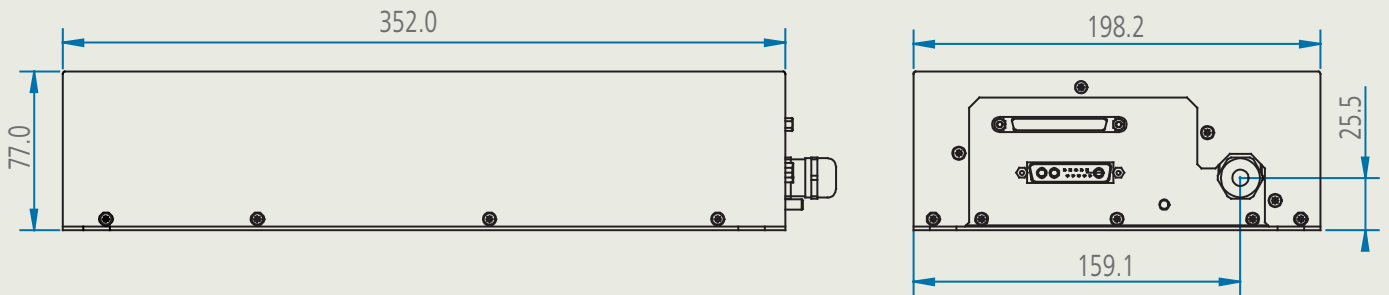
Parameters	
Output power	10 W
Centre wave length	1550 nm ± 5 nm
Operation mode	CW or modulated
Output power stability	± 5 % (measured over 12 h)
Modulation	< 3 kHz

Output beam parameter	
Beam diameter	5.0 mm ± 0.5 mm
Divergency (full angle)	< 0.4 mrad
Beam quality (M ²)	< 1.1
Polarization	random
Output fiber length	6.2 m

Electrical specifications	
Power supply requirement	14 V DC / 10 A
Control interface	analog / digital (TTL)

Mechanical specifications	
Size	352 x 168 x 77mm
Weight	~ 5 kg
Operation temperature (base plate)	10 °C - 45 °C

Some product and parameter combinations with optional accessories may not be available. Please contact us for further technical details.



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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