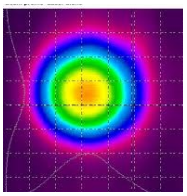
WEDGE XF 532nm
Diode Pumped Solid State Laser

Spec. #: WXF18702

MAIN FEATURES

_ 532 nm
_ 400 ps
_ > 30 uJ
_ Compact Design
_ Air Cooled



Technical Specifications		
Output Wavelength	532	nm
Q-Switch Repetition Rate	10 to 100 *(option: single shot to 10 kHz)*	kHz
Pulse energy @ 532nm	up to 30 @ 10kHz	uJ
Pulse Width	400 to 1000	ps
Low Jitter Option (for direct Q-Switch driving)	< 300	ps
Pulse to pulse Energy stability (RMS)	< 4% up to 20 kHz	
Polarization	Linear 100:1	
M^2	< 1.3	
Beam diameter (1/e2)	< 2.5 *(collimated)*	mm
Pulse frequency control input	TTL (0 - 5V)	
Energy level control input	0 to 10 V (Analog)	
Cooling	Air Cooling, integrated thermostatic fan	
Power supply input	24 V DC – < 7 A	
Control Connector	DB 25 pin	
Optional AC/DC power supply	100 – 230 VAC	
Size of the unit	18 x 9 x 7	cm^3
Weight	< 2	kg

All information included in this document is subject to change without notice.

Updated data sheets can be provided on request.

For further details, please contact your local **Bright Solutions** sales representative or visit our website at www.brightsolutions.it

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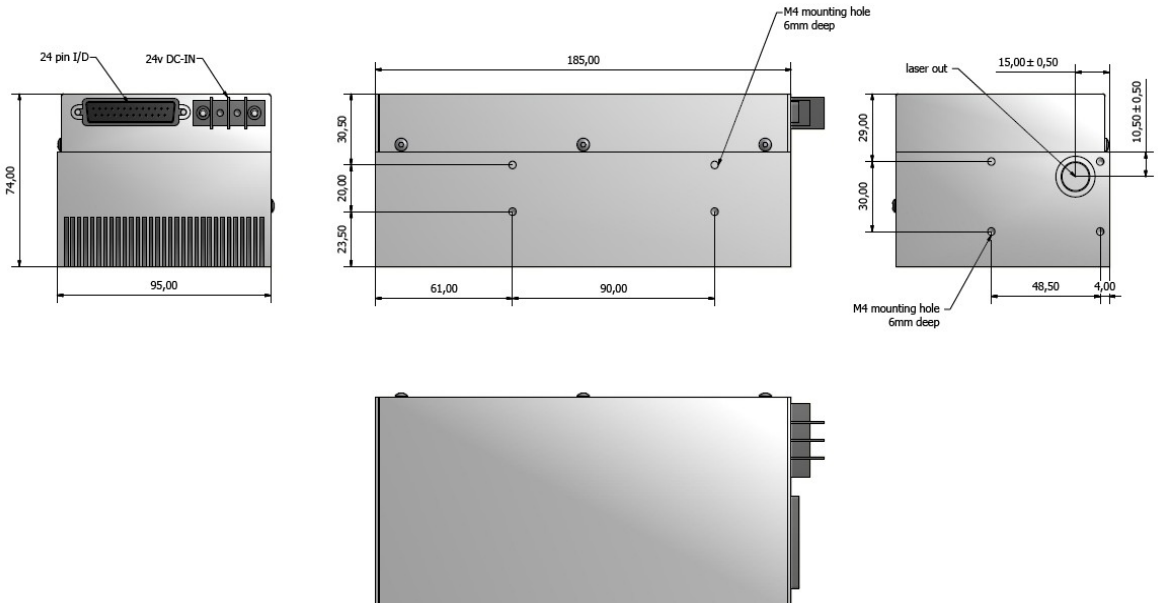
Mechanical Drawings



All dimensions are in mm

Options Available:	Applications:
- Beam Expanding and Collimating optics - Red Aiming beam - Circular Polarization - Water and contact cooling	- Ablation / Micromachining of thin films - LIDAR – LADAR - LIBS - Specialty Scribing / Material processing

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