

WEDGE XB 1064 1 kHz

Spec. #: WXB18B01

High Peak Power Diode Pumped Solid State Laser



FEATURES

- _ Up to 4 mJ
- _ Short pulse duration
- _ Q-Switching up to 1 kHz
- _ All Solid State Design
- _ Air Cooled
- _ Low heat waste

Technical Specifications

Wavelength	1064	nm
Pulse energy	Up to 4	mJ
Pulse Width @ 1 kHz	< 1.5	ns
Repetition Rate	Single shot to 1 kHz	
Polarization	Linear 100:1	
Beam Diameter	< 3	mm
Beam Quality	$M^2 < 5$	
Electrical Requirements	DC Power Supply 12 V ; 15 V (*)	
Cooling	Air Cooled	
Mechanical Dimensions	26 x 25 x 10	cm ³
Weight	< 14	kg

(*) Optional: 100-230 VAC Power Supply

Options Available:	Applications:
<ul style="list-style-type: none"> - Beam Expanding and Collimating optics (external) - Circular Polarization - Water Cooling 	<ul style="list-style-type: none"> - Machining - Non-linear spectroscopy - LiDAR and LIBS - Specialty Marking



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

Update data sheets can be provided after formal request.

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

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