

WEDGE HB 355nm 2 kHz

Spec. #: WHB18A03

High Peak Power Diode Pumped Solid State Laser



FEATURES

- _ Up to 0.2 mJ
- _ Short pulse duration
- _ Q-Switching up to 2 kHz
- _ All Solid State Design
- _ Air Cooled
- _ Low heat waste

Technical Specifications

Wavelength	355	nm
Pulse energy	Up to 0.2	mJ
Pulse Width @ 1 kHz	< 1.2	ns
Repetition Rate	Single shot to 2 kHz	
Polarization	Linear 100:1 (Option: circular polarization)	
Beam Diameter	< 2	mm
Beam Divergence	< 1	mrad
Beam Quality	$M^2 < 5$	
Electrical Requirements	DC Power Supply 8 V ; 15 V (*)	
Cooling	Air Cooled	
Mechanical Dimensions	22 x 26 x 8	cm ³
Weight	< 10	kg

(*) Optional: 100-230 VAC Power Supply

Options Available:	Applications:
<ul style="list-style-type: none"> - Beam Expanding and Collimating optics - 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 are 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

Bright Solutions Srl
Via Artigiani, 27
27010 Cura Carpignano - PV
Italy
Ph. +39 0382583094
e-mail: sales@brightsolutions.it