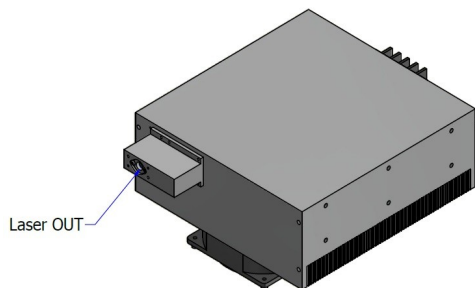


Wedge XB 3 μ m

Spec. #: WXB21401

High Peak Power Diode Pumped Solid State Laser



FEATURES

- _ Pulse energy > 100 μ J
- _ Short pulse duration
- _ Q-Switching: up to 2 kHz
- _ All Solid State Design
- _ Air Cooled

| Technical Specifications | Typical | |
|--|-------------------------------|-----------------|
| Wavelength | 3106 | nm |
| Pulse energy | > 100 | μ J |
| Pulsewidth | < 3 | ns |
| Peak Power | > 30 | kW |
| Repetition Rate | Single shot to 2 | kHz |
| Polarization | Linear 100:1 | |
| Beam diameter | < 2 (without beam expander) | mm |
| Beam divergence (FA @ 1/e ²) | < 25 (without beam expander) | mrad |
| Electrical Requirements | DC Power Supply 8 V; 15 V (*) | |
| Cooling | Air Cooled | |
| Mechanical Dimensions | 30 × 25 × 10 | cm ³ |
| Weight | < 20 | kg |

(*) Optional: 100-230 AC DC Power Supply

| Options Available: | Applications: |
|--|---|
| <ul style="list-style-type: none"> - Beam Expanding and Collimating optics - Water Cooling | <ul style="list-style-type: none"> - LIDAR - Non-linear spectroscopy - LIBS |



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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