

**Vento 15W 532nm  
MOPA sub-ns laser**

Preliminary

**Spec. #: VN20305**



**FEATURES**

- \_ 532 nm
- \_ > 15 W
- \_ down to 400 ps
- \_ up to 200 kHz
- \_ Liquid Cooled
- \_ All solid state design
- \_ Rugged single unit

Technical Specifications	Typical	
Output Wavelength	532	nm
Q-Switch Repetition Rate	40 - 200	kHz
Pulse Energy	> 400	uJ
Average Power	> 15	W
Pulse Width	400 - 1500	ps
Polarization	Linear 100:1	
Beam quality (M <sup>2</sup> )	< 1.5	
Power supply input	24 - 28 V DC	
Pulse frequency control input	0 - 5 V (TTL)	
Cooling	Liquid	
Laser unit size	35 x 28 x 18	cm <sup>3</sup>
Operating temperature	10 to 35	°C

Options Available	Applications:
<ul style="list-style-type: none"> <li>- Beam Expanding and Collimating optics</li> <li>- Red aiming beam</li> <li>- Circular Polarization</li> <li>- Extended operating temperature range</li> <li>- Customized design and manufacturing for airborne applications</li> </ul>	<ul style="list-style-type: none"> <li>- Ablation / Micromachining of thin films</li> <li>- LIDAR - LIBS</li> <li>- Specialty Scribing / Material processing</li> <li>- Glass machining</li> </ul>



All information included in this document are 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](http://www.brightsolutions.it)

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