

**Vento 15W 1064nm
MOPA sub-ns laser**

Preliminary Spec. #: VN20301



FEATURES

- _ 1064 nm
- _ > 15 W
- _ down to 450 ps
- _ up to 200 kHz
- _ Air Cooled
- _ All solid state design
- _ Rugged single unit

Technical Specifications	Typical	
Output Wavelength	1064	nm
Q-Switch Repetition Rate	40 - 200	kHz
Pulse Energy	> 300	uJ
Average Power	> 15	W
Pulse Width	450 - 1500	ps
Polarization	Linear 100:1	
Beam quality (M^2)	< 1.5	
Power supply input	24 - 28 V DC	
Pulse frequency control input	0 – 5 V (TTL)	
Cooling	Air	
Laser unit size	25 x 15 x 10	cm ³
Operating temperature	10 to 35	°C

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



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

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