

Vento 40W 1064nm MOPA sub-ns laser

Preliminary Spec. #: VN20302



FEATURES

- _ 1064 nm
- _ > 40 W
- _ down to 450 ps
- _ up to 200 kHz
- _ Liquid Cooled
- _ All solid state design
- _ Rugged single unit

Technical Specifications	Typical	
Output Wavelength	1064	nm
Q-Switch Repetition Rate	40 - 200	kHz
Pulse Energy	> 0.8	mJ
Average Power	> 40	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	Liquid	
Laser unit size	35 x 28 x 18	cm ³
Operating temperature	10 to 35	°C

Options Available:

- Beam Expanding and Collimating optics
- Red aiming beam
- Circular Polarization
- Extended operating temperature range
- Customized design and manufacturing for airborne applications

Applications:

- 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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