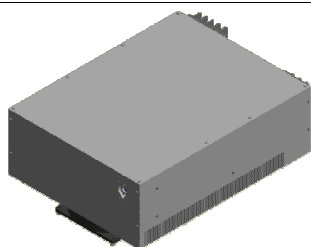


Nimbus-1064

Spec. #: 24402

Customized sub-ns DPSS Laser @ 1064nm



MAIN FEATURES

- _ 1064 nm
- _ down to 700 ps
- _ > 2mJ @ 1064nm
- _ Compact Design
- _ Air Cooled

Technical Specifications

Output Wavelength	1064	nm
Q-Switch Repetition Rate	Single Shot to 1	kHz
Max Pulse Energy @ SS to 1 kHz	> 2 @ 1064nm	mJ
Pulse duration @ 1 kHz	< 700 @ 1064nm	ps
Beam diameter (1/e ²)	2.5 ± 0.5 @ 1064nm	mm
Beam quality (M ²) @ 1 kHz	< 1.5 @ 1064 nm (*)	
Beam roundness @ 1 kHz	> 85% @ 1064 nm (*)	
Power stability @ 1064 nm	< 1 over 8 hours	%
Pulse Energy Stability RMS @ 1064 nm	< 3 @ 1 kHz	%
Pulse Trigger Input	TTL (0 – 5V) – 100 kOhm	
Pulse jitter (ref. control connector pin3)	<500	ps
Power Level Input	Analog (0 to 10 V)	
Power supply input	24 V DC & 9V DC (< 300W)	
Size of the unit (excluding cooling fans)	35 × 27 × 11.5	cm ³
Weight	< 15	kg
Cooling	Air Cooling, integrated thermostatic fan	

(*) at a power level > 90% and after a proper warm-up phase



All information included in this document are subject to change without notice.

Updated data sheets can be provided on request.