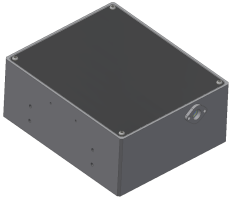


Nps-1064-40-50	Spec. #: NP21701
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Narrowband Mode-Locked Laser

	<p><u>MAIN FEATURES</u></p> <ul style="list-style-type: none"> _ 7-ps pulses @ 1064 nm @ 40 MHz _ transform-limited operation _ user friendly turn-key operation _ compact and rugged system _ low power consumption _ contact-cooled package
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Technical Specifications		
Center Wavelength	1064.3 ± 0.1	nm
Pulse duration	< 8	ps
Average output power	> 50	mW
Repetition rate	40 ± 1	MHz
Polarization	Linear, > 100:1	
Spectral Width	< 0.25	nm
Time-bandwidth product	< 0.5	
RF side-mode suppression	> 50	dBc
Beam diameter (1/e ²)	1.4 ± 0.2	mm
Beam quality M ²	< 1.2	
Output coupling	Free-space output window	
Trigger output	TTL, SMA connector	
Power supply	5	V _{DC}
Power consumption	< 10	W
Interfaces	RS-232	
Operating temperature range	15 – 35	°C
Size of the unit	150 × 130 × 55	mm ³
Weight	< 1.5	kg

Options Available:	Applications:
<ul style="list-style-type: none"> - Fiber connector, PM fiber output - Other repetition rates available upon request 	<ul style="list-style-type: none"> - Ultrafast amplifier seeder - Frequency resolved spectroscopy (<3 cm⁻¹)



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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