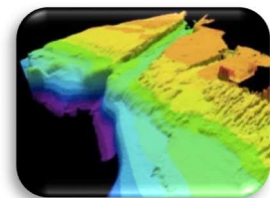
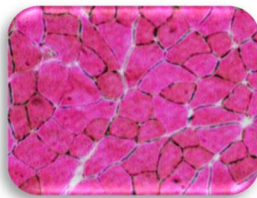
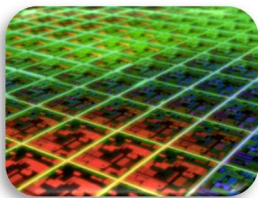


Microchip

**Picosecond
Nanosecond
Pulsed lasers**



**Down to 300 ps
1064 nm to 213 nm
1 Hz to 100 kHz
Up to 40 μ J
Up to 30 kW
 $M^2 < 1.2$
SLM**



All information included in this document is 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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e-mail: sales@brightsolutions.it

Microchip lasers



Series Technical Specifications

Pulsewidth Ranges	Nanoseconds		Picoseconds
	< 2.5 ns	< 1.3 ns	< 400 ps
Pulse Energy	up to 35 µJ	up to 40 µJ	up to 2 µJ
Repetition Rates	up to 5 kHz	up to 15 kHz	up to 100 kHz
Output Peak Power	up to 15 kW	up to 30 kW	up to 5 kW
Package	FP3, FP4	FP3, FP4	FP3, FP4
Output Wavelengths	1064, 946, 532, 473, 355, 315, 266, 236.5, 213 nm		
Beam Quality (M ²)	<1.2		
Electrical Requirements	DC power supply 5 V, <25 VA		
Size	35×50×16 mm ³ (*)		
Weight	< 0.15 Kg (*)		
Operating Temperature	+10 to +40 °C		
Storage Temperature	-20 to +60 °C		

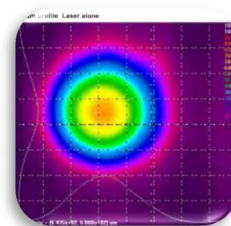
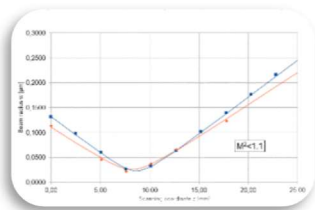
(*) FP3 package

Options Available:

- Internal photo-diode
- Beam Expanding and Collimating optics
- Circular Polarization
- Cooling: Heat Sink
- AC DC Power Supply
- Custom packaging

Applications:

- Oled
- Micromachining
- Biophotonics
- Lidar, Telemetry
- Laser manufacturing
- Non-linear optics, Spectroscopy, Raman
- Holography



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