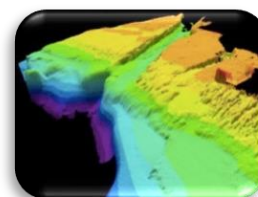
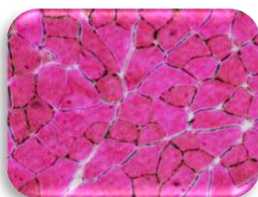
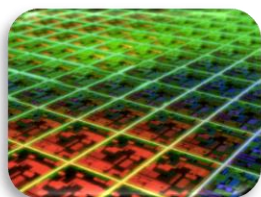


Microchip

**Picosecond
Nanosecond
Pulsed lasers**



- _ Down to 300 ps
- _ 1064 nm to 213 nm
- _ 1 Hz to 200 kHz
- _ Up to 100 μ J
- _ Up to 60 kW
- _ $M^2 < 1.3$
- _ 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

Bright Solutions Srl
Via Artigiani, 27
27010 Cura Carpignano - PV - Italy
Phone. +39 0382583094
e-mail: sales@brightsolutions.it

Microchip lasers



FP3 package - Technical Specifications

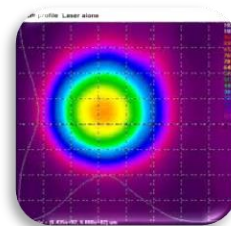
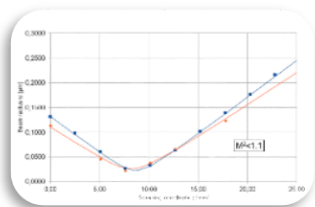
Pulsewidth Ranges	Nanoseconds		Picoseconds
	< 2.5 ns	< 1.3 ns	< 400 ps
Pulse Energy	up to 100 µJ	up to 80 µJ	up to 2 µJ
Repetition Rates	up to 15 kHz	up to 15 kHz	up to 200 kHz
Output Peak Power	up to 50 kW	up to 60 kW	up to 5 kW
Package	FP3	FP3	FP2 (FP3 preliminary)
Output Wavelengths	1064, 946, 532, 473, 355, 315, 266, 236.5, 213 nm		
Beam Quality (M ²)	<1.3		
Electrical Requirements	DC power supply 5 V, <25 VA		
Size	35x50x16 mm ³		
Weight	< 0.15 Kg		
Operating Temperature	0 to +50 °C		
Storage Temperature	-20 to +60 °C		

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



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

Bright Solutions Srl

Via Artigiani, 27

27010 Cura Carpignano - PV - Italy

Phone. +39 0382583094

e-mail: sales@brightsolutions.it