

Visible Fiber Lasers

Features

- CW, Active Power Stabilization
- RS232 and USB
- Graphical User Interface
- Air-Cooling
- Safety Interlock

Applications

- Fluorescence Microscopy
- Flow Cytometry
- Ophthalmology
- Spectroscopy
- Medical Biotechnology
- Laser Sintering
- Thin Film & Overlay Metrology

Beam Properties

Beam: Collimated

Transverse Mode: TEM00

Polarization: Linear

Orientaion of Polarization: Vertical to the base

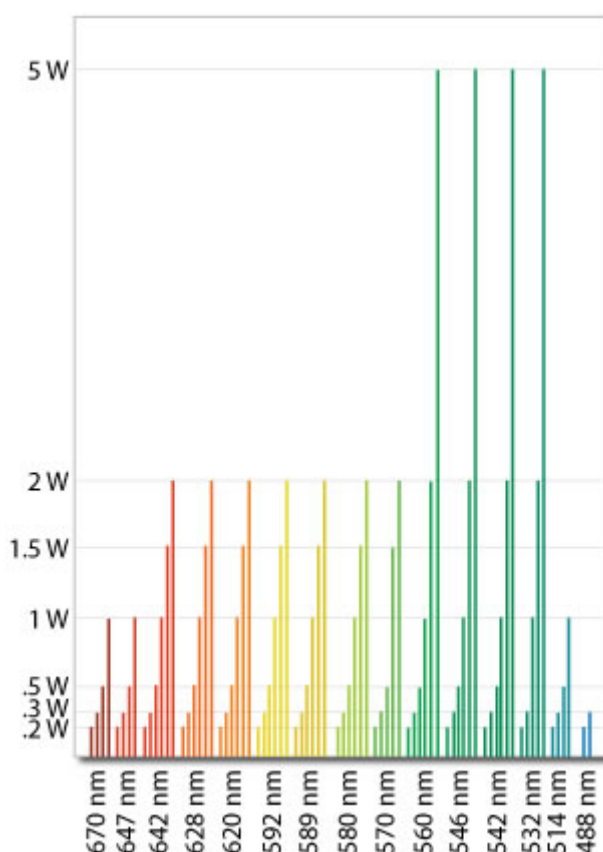
Beam Parameters

Beam Quality M2: 1.1

Static Beam Angle: < 5 mrad

Power Tunability Range: 20 - 100%

Long Term Wavelength Stability: -0.02 --- +0.02nm



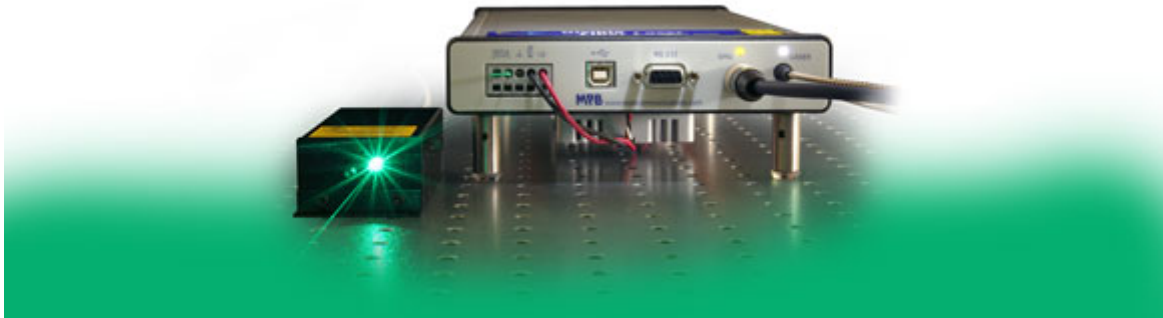
Wavelength	Laser Power
488nm	200mW, 300mW
514nm	200mW, 300mW, 1000mW
532nm	200mW, 300mW, 500mW, 1000mW, 1500mW, 2000mW
542nm	200mW, 300mW, 500mW, 1000mW
546nm	200mW, 300mW, 500mW, 1000mW, 1500mW
560nm	200mW, 300mW, 500mW, 1000mW, 1500mW, 2000mW
570nm	200mW, 300mW, 500mW, 1000mW, 1500mW
580nm	200mW, 300mW, 500mW, 1000mW
589nm	200mW, 300mW, 500mW, 1000mW
592nm	200mW, 300mW, 500mW, 1000mW, 1500mW, 2000mW
620nm	200mW, 300mW, 500mW, 1000mW, 1500mW
628nm	200mW, 300mW, 500mW, 1000mW
642nm	200mW, 300mW, 500mW, 1000mW, 1500mW, 2000mW
647nm	200mW, 300mW, 500mW, 1000mW, 1500mW
670nm	200mW, 300mW, 500mW, 1000mW

All models are also available in 2RU format, compatible to 19", 23" and ETSI racks



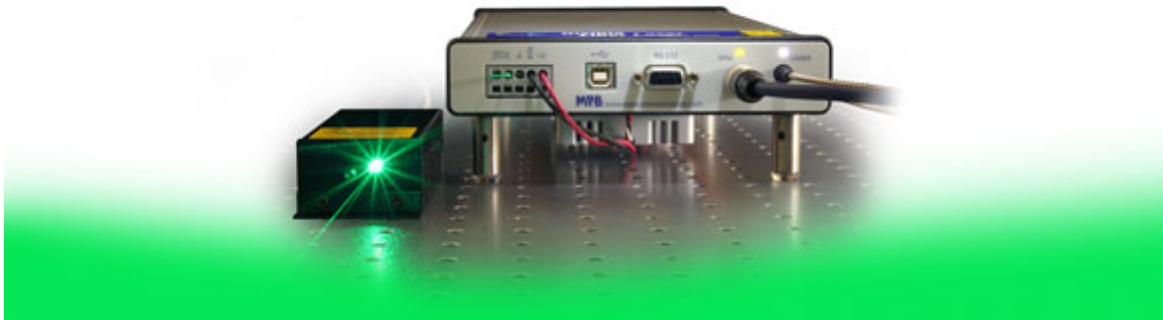
488nm Visible Fiber Lasers

200 mW, 2RU-VFL-P-200-488
300 mW, 2RU-VFL-P-300-488



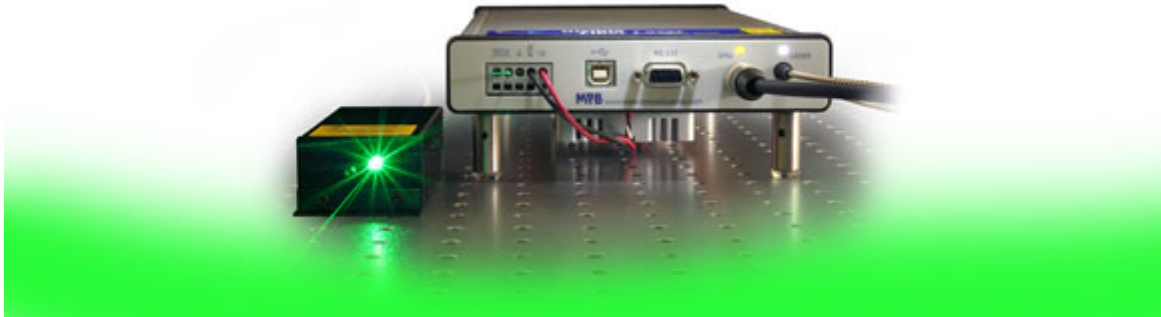
514nm Visible Fiber Lasers

200 mW, VFL-P-200-514
300 mW, VFL-P-300-514
1000 mW, VFL-P-1000-514



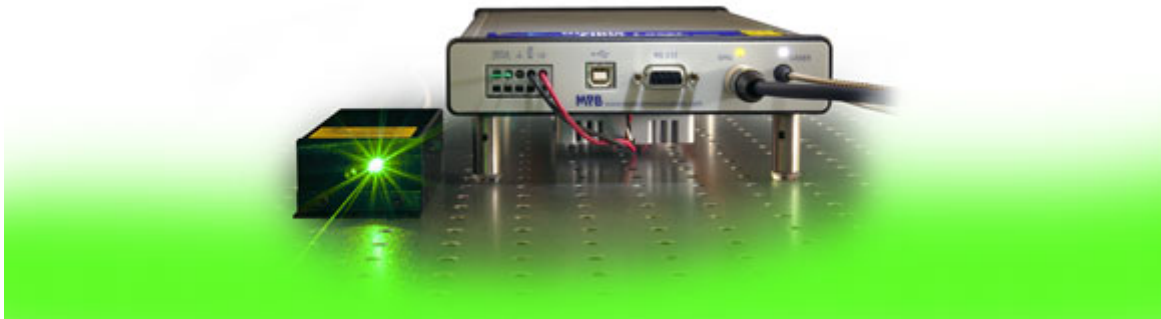
532nm Visible Fiber Lasers

200 mW, VFL-P-200-532
300 mW, VFL-P-300-532
500 mW, VFL-P-500-532
1000 mW, VFL-P-1000-532
1000 mW, 2RU-VFL-P-1000-532
1500 mW, 2RU-VFL-P-1500-532
2000 mW, 2RU-VFL-P-2000-532



542nm Visible Fiber Lasers

200 mW, VFL-P-200-542
300 mW, VFL-P-300-542
500 mW, VFL-P-500-542
1000 mW, VFL-P-1000-542



546nm Visible Fiber Lasers

200 mW, VFL-P-200-546
300 mW, VFL-P-300-546
500 mW, VFL-P-500-546
1000 mW, VFL-P-1000-546
1000 mW, 2RU-VFL-P-1000-546
1500 mW, 2RU-VFL-P-1500-546



560nm Visible Fiber Lasers

200 mW, VFL-P-200-560
300 mW, VFL-P-300-560
500 mW, VFL-P-500-560
500 mW, 2RU-VFL-P-500-560
1000 mW, VFL-P-1000-560
1000 mW, 2RU-VFL-P-1000-560
1500 mW, 2RU-VFL-P-1500-560
2000 mW, 2RU-VFL-P-2000-560



570nm Visible Fiber Lasers

200 mW, VFL-P-200-570
 300 mW, VFL-P-300-570
 500 mW, VFL-P-500-570
 1000 mW, VFL-P-1000-570
 1000 mW, 2RU-VFL-P-1000-570
 1500 mW, 2RU-VFL-P-1500-570



580nm Visible Fiber Lasers

200 mW, VFL-P-200-580
 300 mW, VFL-P-300-580
 500 mW, VFL-P-500-580
 1000 mW, VFL-P-1000-580



589nm Visible Fiber Lasers

200 mW, VFL-P-200-589
 300 mW, VFL-P-300-589
 500 mW, VFL-P-500-589
 1000 mW, VFL-P-1000-589



592nm Visible Fiber Lasers

200 mW, VFL-P-200-592
 300 mW, VFL-P-300-592
 500 mW, VFL-P-500-592
 1000 mW, VFL-P-1000-592
 1000 mW, 2RU-VFL-P-1000-592
 1500 mW, 2RU-VFL-P-1500-592
 2000 mW, 2RU-VFL-P-2000-592



620nm Visible Fiber Lasers

200 mW, VFL-P-200-620
 300 mW, VFL-P-300-620
 500 mW, VFL-P-500-620
 1000 mW, VFL-P-1000-620
 1000 mW, 2RU-VFL-P-1000-620
 1500 mW, 2RU-VFL-P-1500-620



628nm Visible Fiber Lasers

200 mW, VFL-P-200-628
 300 mW, VFL-P-300-628
 500 mW, VFL-P-500-628
 1000 mW, VFL-P-1000-628



642nm Visible Fiber Lasers

200 mW, VFL-P-200-642
 300 mW, VFL-P-300-642
 500 mW, VFL-P-500-642
 500 mW, 2RU-VFL-P-500-642
 1000 mW, VFL-P-1000-642
 1000 mW, 2RU-VFL-P-1000-642
 1500 mW, 2RU-VFL-P-1500-642
 2000 mW, 2RU-VFL-P-2000-642



647nm Visible Fiber Lasers

200 mW, VFL-P-200-647
 200 mW, 2RU-VFL-P-200-647
 300 mW, VFL-P-300-647
 300 mW, 2RU-VFL-P-300-647
 500 mW, VFL-P-500-647
 1000 mW, 2RU-VFL-P-1000-647
 1500 mW, 2RU-VFL-P-1500-647



670nm Visible Fiber Lasers

200 mW, VFL-P-200-670
 300 mW, VFL-P-300-670
 500 mW, VFL-P-500-670
 500 mW, 2RU-VFL-P-500-670
 1000 mW, 2RU-VFL-P-1000-670