The LaserBoxx HPE series is a high power laser diode module offering excellent performance and reliability in a compact driver integrated laser head. It comes in free space multimode elliptical beam or with removable MM fiber coupling.

Laser head with integrated drivers
Elliptical Collimated beam
Multimode fiber coupling option
Analog modulation
USB, RS232 and Analog interfaces
Industry standard compact package

Microscopy
Medical
Illumination
High-Throughput inspection
Polymer curing
Laser pumping
Sensor
Multimode fiber coupling option

The ACX-FCMM option offers a cost-effective and compact way to couple the LaserBoxx beam into a multimode fiber. The coupling efficiency exceeds 80%.

Standard patchcord configuration:
- 0.22 numerical aperture,
- SMA connector,
- 2 m fiber length.

Other configurations are available on demand.

Custom capabilities:
- L6Cc-HPE wavelength combiner
- Wavelength selection
- Electro-mechanical shutter
- External modulator
- Specific beam shaping

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Oxxius has a policy of continuous product improvement. Specifications may change without notice.