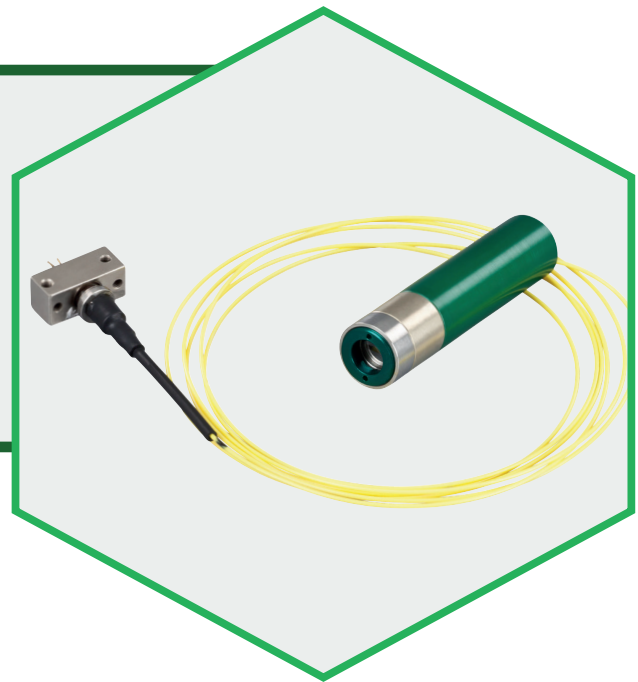


Laser Module LDM200 & LDM201

JUST THAT EASY!

Why?

- Flexible installation thanks to fiber-coupled design
- Excellent beam quality
- Collimation distances up to 100m



Our Offer in Detail:

The LDM series of laser modules includes specialized units for high-end applications. The fiber-coupled design allows for flexible assembly and detachment of the electrical and optical components. Thanks to high-quality optics and precise alignment, our modules achieve excellent beam quality and very long collimation distances of up to 100 m. Customized fixed-focus distances can also be supplied. A unique feature is the choice of polarization (unpolarized, linear, or circular), which offers numerous advantages regarding measurement reproducibility in metrology applications.

These are high-end modules for industrial applications. Polarization and focus can be customized.

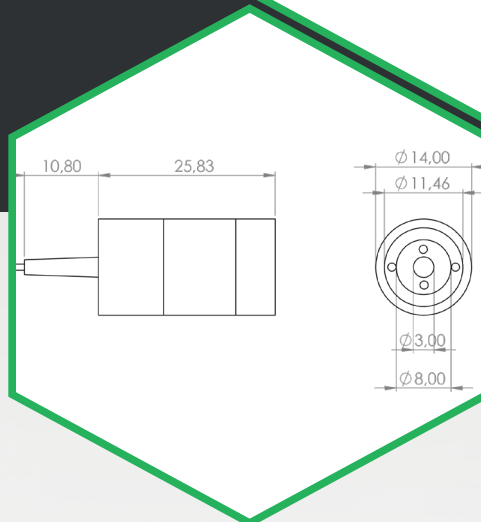
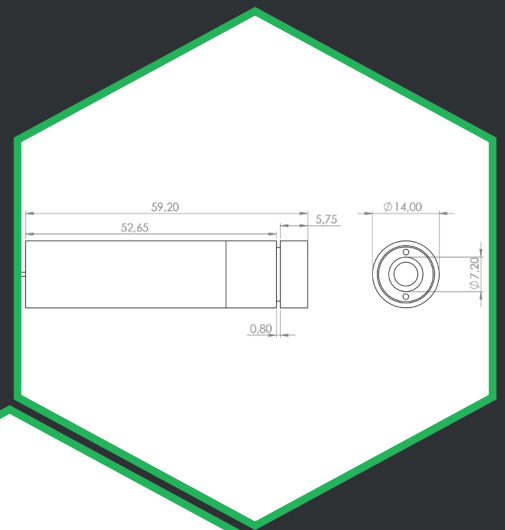
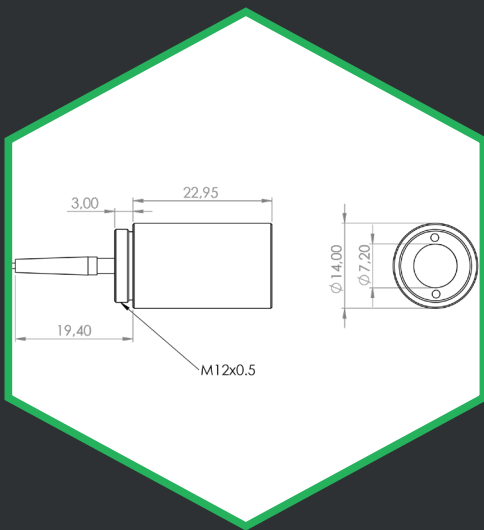
These compact, high-quality laser diode modules can be used in industrial metrology and machine alignment applications. The excellent beam quality ensures high reproducibility, independent of the module's rotation. The robust construction is adapted to industrial applications and ensures high beam position stability. In OEM applications, the small size of the source enables easy integration.

Your problem is our challenge - flexibility is our standard:

We're happy to customize the wavelength or housing to your system configuration. Just contact us!

Specifications:

Parameter	Symbol	Conditions	Min	Typ	Max	Units
Optical Power	P_f	PM fiber	5			mW
Peak Wavelength ¹	L_p	$P_1=5mW$	650	658	665	nm
Beam Direction Stability	$T\Delta\theta$				5	$\mu rad/^\circ C$
Beam Direction Accuracy	$\Delta\theta$				0.5	°
Threshold current	I_{th}	CW		30	50	mA
Operating current	I_{op}	$P_1=5mW$		45	55	mA
Operating Voltage	V_{op}	$P_1=5mW$		2.2	2.8	V
Monitor Current	I_{mon}	$P_1=5mW$	0.1	0.3	0.5	mA
Polarization		$P_1=5mW$, linear polarized option $P_1=5mW$, circular polarized Option	1.2:1		100:1	



¹ Other wavelengths on request.