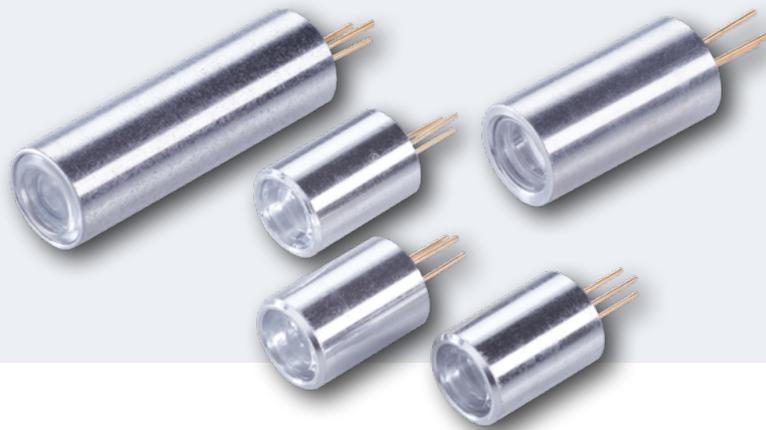


Laser Diode Collimators



The laser diode collimators have been specially developed for OEM use and are supplied with polymer optics in various focal lengths.

Beyond the offered wavelengths, laser diode collimators from 375 to 2300 nm are offered on a customer-specific basis. Of course, collimators with glass optics and additional optical elements are also available.

For better cleaning, cover glasses can also be tightly bonded flush with the leading edge.

The press-fit process developed at IMM Photonics allows chip tolerances of the laser diodes to be compensated. Other materials such as nickel silver or brass are also available. The collimators made of aluminum can also be offered anodized.

LASER DIODE COLLIMATORS

Description	Wavelength	Output power	Beam shape	Beam divergence	Operating temperature	Outline dimensions
Parameter	nm	mW	mm x mm	mrad	°C	Ø x L mm x mm
IMK0408-520-7	520	7	0.7 x 2	0.6	-10 - +45	4.2 x 8
IMK0408-655-3	655	3.5	0.7 x 2	0.6	-10 - +45	4.2 x 8
IMK0710-520-7	520	7	0.7 x 2	0.6	-10 - +60	7 x 10
IMK0710-635-3	635	3.5	0.7 x 2	0.6	-10 - +65	7 x 10
IMK0710-655-3	655	3.5	0.7 x 2	0.6	-10 - +65	7 x 10
IMK0714-520-6	520	6	1 x 3	0.4	-10 - +60	7 x 14
IMK0714-635-3	635	3	1 x 3	0.4	-10 - +60	7 x 14
IMK0714-655-3	655	3	1 x 3	0.4	-10 - +45	7 x 14
IMK0722-520-3	520	3	2 x 3.5	0.2	-10 - +60	7 x 22
IMK0722-635-2	635	2	2 x 3.5	0.2	-10 - +65	7 x 22
IMK0722-655-2	655	2	2 x 3.5	0.2	-10 - +65	7 x 22

APPLICATIONS

- Pointing
- Alignment lasers
- Laboratory instruments
- Measuring instruments
- Sensors

FEATURES

- High output power range
- Wide wavelength range
- Development and production in Germany
- Various sizes
- Customized solutions available

NOTES

The above product specifications are typical values and subject to change without notice.

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