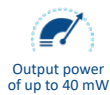
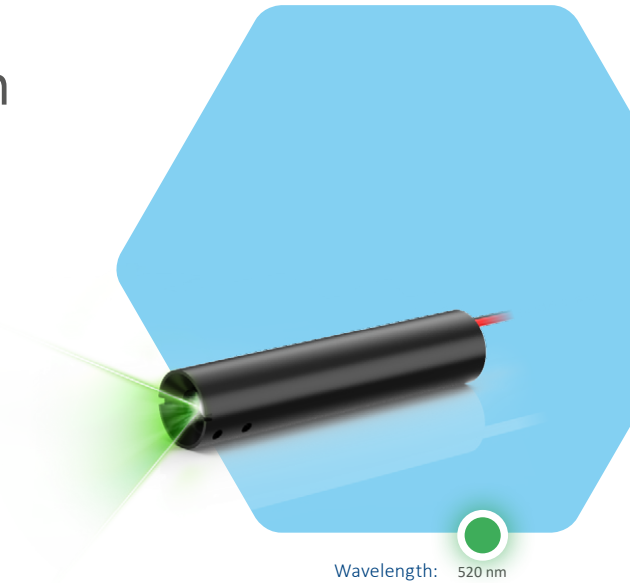


ZD-Green

Universal mini laser module with excellent visibility

The ZD laser module can optionally display a line, point, or cross projection. It is often used as a positioning laser in the wood, stone and metal industries. With a diameter of only Ø11 mm, it can be used universally. The ZD Green stands out with its excellent visibility even at a low output power. In addition, a supply voltage of 5-24 VDC opens the door to various interesting applications.

Output power of up to 40mW in combination with a 520nm Laser diodes are possible.



Our accessories recommendation

Heat dissipating universal bracket H2-11-M

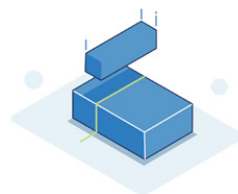


Highlights

- Universal mini laser module with line, dot or cross projection
- 5 to 24VDC supply voltage with reverse polarity protection
- Heat dissipating universal mount H2-11-M
- Optical output power up to 40mW
- Electrically isolated housing



Embroidery applications



High-Precision Positioning Tasks



applications

Order Code

Z??	D	520	?
Output power	Product family	Wavelength	Optic

System specifications

Wavelength	nm	520
Output power	mW	1-40
Laser operation mode		APC with current limiting

Electrical specifications

Operating voltage		5-24VDC
Protection		Reverse polarity and transient protection (ESD, burst & surge)
Electrical isolation		Potential-free housing
Connection		2m cable with Texas connector Optionally: Cable up to 2m with open leads

Optical specifications

Line		Line gaussian 90° (optionally homogenous 30°)
Dot		Elliptical, circular
DOE		Crosses, multi line, grids, etc.
Focusable		No

Environmental conditions

Operating temperature	°C	-10 °C up to +40 °C
Storage temperature	°C	-20 °C up to +70 °C
Humidity	%	<90 %, non-condensing

Mechanical specifications

Weight	g	35
Length	mm	51
Diameter head Ø	mm	11
Material		Messing, black chrome
Protection class		IP40 IP30 for dot laser