

Product Name: O Laser

Product description: Standard Diode Laser collimated in a 11mm Housing with Driver integrated



Datasheet date: 09.06.2025

SPECIFICATIONS/ESPECIFICACIONES

OPTICAL

Wavelength(@20º)	375nm-1300nm
Output Power after Lense	<1mW to 500 mW
Laser Product Class (EN60825)	1 Laser Class 1-4
Clear Aperture	1-6mm
Max. divergence	0,6 +/- 0,1 mrd
Bore sight	< 1mrd

ELECTRICAL

Operating Voltage	4 to 6V Vdc. (12V or 24V with ext. regulation)
Operating Current	Depends Laserdiode (Power and Wavel.)
Operation Modes	CW and modulated up to 10 KHz
Power Stability	< 0,5% Variation under constant Temp.
Reverse Voltage Protection	Built in

ENVIRONMENTAL

Operation Temp.	0 to 50ºC
Storage Temp.	-20ºC-60ºC
Warm up	< 1 sec.
MTTF	>5.000 hrs.

MECHANICAL

Cable length	1 m
Dimensions	D 11mm(+0/-0,1)mm
Housing Material	Natural Anodized Aluminium
Traceability	Serial number