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1mW, 635nm Ali

Red and IR Alignment Laser Diode

- 1 +

€207,00

ADD TO CART

Volume Pricing	
Qty 1-9	**€207,00** each
Qty 10+	**€186,30** each
Need More?	**Request Quote**

Prices shown are exclusive of VAT/local taxes

Product Downloads

- Safety Data Sheet:pdf
- STEP:step
- PDF Drawing:pdf
- IGES:igs
- User Manual:pdf
- eDrawing:eprt
- EO Spec Sheet
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Note: This item requires accessories for use | **Learn More**

General

Laser Class - CDRH:	IIIa

Physical & Mechanical Properties

Length (mm):	36.00

Optical Properties

Wavelength (nm):	635.00	**Wavelength Tolerance (nm):**	±5
Beam Diameter (mm):	3 x 1 Typical	**Beam Divergence (mrad):**	Major Axis: 0.6 Minor Axis: 0.2
Color:	Red		

Electrical

Output Power (mW):	1	**Modulation Frequency (kHz):**	0 - 10

Hardware & Interface Connectivity

Operating Voltage (V):	5	**Power Supply:**	Power Supply Required and Sold Separately: USA: **#73-818** Europe: **#73-818** Japan: **#13-640** Korea: **#33-770**

China: **#73-818**

Environmental & Durability Factors

Operating Temperature (°C):	-10 to 50

Regulatory Compliance

RoHS 2015:	**Compliant**	**Certificate of Conformance:**	**View**
Reach 233:	**Compliant**		

Product Details

- Focus Adjustable
- TTL Modulation up to 10kHz
- 635nm, 780nm, 808nm, 850nm, and 980nm Wavelength Options

Red and IR Alignment Laser Diodes are available in output powers from 1 to 100mW at 635nm, 780nm, 808nm, 850nm, and 980nm wavelengths. These low cost laser diode modules combine drive electronics and beam collimating optics, making them ideal for OEM integration applications. Red and IR Alignment Laser Diodes feature TTL Modulation up to 10kHz and are best utilized in alignment applications or systems with simple detectors.

Note: Power supply and mounting bracket are sold separately.

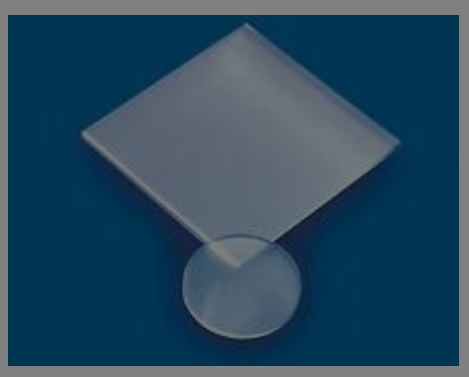
Accessories

Note: Compatible accessories for individual stock numbers may vary. If unsure about which accessories work with your products, please contact us **here**.

	Title	Compare	Stock Number	Price ☐	Buy
MORE+	5V DC/2.4A Power Supply & Plug Adapters		#73-818	€43,00 Volume Pricing | Request Quote	17 In Stock 1
MORE+	635nm, 30° Single Line Projection Head		#37-094	€150,00 Volume Pricing | Request Quote	1 In Stock 1
MORE+	780nm, 30° Single Line Projection Head		#37-095	€150,00 Volume Pricing | Request Quote	1 In Stock 1
MORE+	850nm, 30° Single Line Projection Head		#37-096	€174,00 Volume Pricing | Request Quote	3 In Stock 1
MORE+	Laser Mounting Clamp		#37-143	€122,00 Volume Pricing | Request Quote	3 In Stock 1

Frequently Purchased Together

#03-668 – 2.0 – 35.0mm Optic Dia., Three-Screw Adjustable Ring Mount



#02-147 – 203 x 254mm Sandblasted Glass
€58,00

#03-655 – Sliding 2" x 3" Base Plate
€25,25

#03-666 – 8.0 – 118.0 Optic Height, English Bar-Type Optic Holder
€120,00

€63,00

Qty

Qty

Qty

Qty

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TECHNICAL TOOL

Gaussian Beams Calculator

APPLICATION NOTE

Gaussian Beam Propagation

APPLICATION NOTE

Common Laser Types

VIDEO

Understanding Lasers and How They're Used Every...

? FAQ

Can a laser beam be seen from the side?

? FAQ

What factors are involved in how well I can see a laser...

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