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100mW, 850nm Alignment Laser Diode



Red and IR Alignment Laser Diode

Stock #19-455 **5 In Stock**

− 1 + €540⁰⁰

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Volume Pricing	
Qty 1-9	€540,00 each
Qty 10+	€486,00 each
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads



General

IIIb **Laser Class - CDRH:**

Physical & Mechanical Properties

36.00 **Length (mm):**

Optical Properties

850.00 **Wavelength (nm):**

±5 **Wavelength Tolerance (nm):**

3.5 typical **Beam Diameter (mm):**

<1.0 **Beam Divergence (mrad):**

infrared **Color:**

Electrical

100 **Output Power (mW):**

0 - 10 **Modulation Frequency (kHz):**

Hardware & Interface Connectivity

5 **Operating Voltage (V):**

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

-10 to 50 **Operating Temperature (°C):**

Regulatory Compliance

[Compliant](#) **RoHS 2015:**

[View](#) **Certificate of Conformance:**

[Compliant](#) **Reach 233:**

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.