

# LDM-2 X-Y Adjustable Module



## Features

- Precision X and Y adjustment of the laser beam
- Rugged design that holds zero under shock
- Anodised aircraft grade aluminium case
- Compact design diam 16 mm x L 56 mm
- Slow start, reverse polarity and over voltage protection

The LDM-2 X-Y Adjustment Module is a very rugged and reliable unit which is encapsulated in an aircraft grade anodised aluminium case with a removable protective cap. The X and Y adjustment system allows for precision movement of the laser beam to achieve perfect bore-sighting.

The LDM-2 X-Y Adjustment Module includes slow start, reverse polarity and over voltage protection, and is available with a pulsing option and internal battery if required. Power is connected to the module using red (+Ve) and blue (-Ve) flying leads.

### Specifications:

Available Wavelengths	635, 650, 670, 780, 808, 830 & 850 nm
Available Powers	1 – 100 mW
Beam Size at aperture	2 mm diameter
Divergence (collimated beam)	< 0.75 mrad
Operating voltage	3 – 6 VDC
Operating current	30 – 300 mA (Depending on laser power)

**Specify part numbers as follows: LDM-2P-650-3  
(i.e. LDM-2 series, pulsed option, wavelength = 650 nm, output power = 3 mW)**

### Options

Collimated beam for pointing	C
100 kHz Pulsed option	P
Fixed Focus	F300 (Focussed at distance of 300 mm)

This product is registered with the FDA in accordance with 21 CFR 1040.10(a)(3)(I) and is compliant with European, and Australia/New Zealand laser safety standards 73/23/EEC - 98/37/EG, 89/336/EEC, EN 50081-1, EN-31252, EN-31252, EN 55022, EN 60825-1 and AS/NZS 2211:1997. The complete laser product manufacturer must supply adequate instructions for installation and servicing of this product. This is not a removable laser system. This product is designed solely as a component in an electronic product and therefore does not comply with the requirements of 21 CFR 1040.10 and 1040.11 for complete laser products. Avoid direct eye exposure to the beam.

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