

# LDM-6 Miniature Module



## Features

- Compact size (8mm dia. x 22mm long)
- Good beam collimation
- Slow start, reverse polarity and over voltage protection

The LDM-6 miniature module offers a compact, low cost unit which is suitable for most common applications including alignment, control, positioning and detection.

The LDM-6 includes slow start, reverse polarity and over voltage protection. Power is connected to the module using red (+ve) and blue (-ve) flying leads. The red (+ve) lead is also connected to the modules case.

### Specifications:

Available Wavelengths	635 & 650nm
Available Powers	1 - 10mW
Beam Size at aperture	3mm diameter
Divergence (collimated beam)	< 1mrad
Operating voltage	3 - 6V DC
Operating current	30 - 100mA (Depending on laser power)

Specify part numbers as follows: **LDM-6-650-3**  
(i.e. LDM-6 series, wavelength = 650nm, output power = 3mw)

### Options

Collimated beam for pointing	C
Fixed Focus	F300 (Focussed at distance of 300mm)

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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