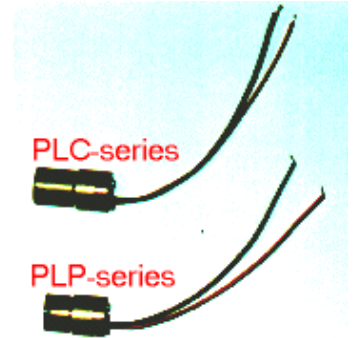


PL-Series Laser Diode Modules



The PL laser diode module is designed for OEM applications with the lowest cost, miniature size, and beam focusing requirements. Additional heat sinking may be needed for PL-series laser module under continuous operation. Designed for the OEM, it is ideal for a wide range of low power laser applications, such as general sighting, levelling, and positioning.

- Lowest Cost Price/Performance
- Miniature Design: $\varnothing 10.5\text{mm} \times 17\text{mm}$ L
- Adjustable (AR) or Fixed Focus (FR) Options
- Automatic Power Control Circuits
- All models operate with 3V battery



General Specifications:

Wavelength:	650nm
Output power:	Set to 0.7-0.99mW Class II Safety Classification
Operating voltage:	2.7 – 6.0 V with Automatic Power Control
Operating current:	<45 mA
Protections:	reverse-polarity and short-circuit
Beam Shape:	Elliptical
Focus:	Adjustable or fixed
Focus range:	6cm to infinity
Beam Divergence:	0.23x0.1mrad
Spot size at 7m:	3.4x5.8mm
Connector:	Wires (7cm)
Operating temperature:	-10 to +40 °C

