

Fiber Coupled Laser Diode Module

O/E LAND INC. offers fiber coupled laser diode module with model number **Hi-Coupling™ Laser Diode**. **Hi-Coupling™ Laser Diode** can be pigtailed with single mode fiber, multi mode fiber, PM fiber, or other special type fiber. With our property lensed fiber technology, **Hi-Coupling™ Laser Diode** has high coupling efficiency, small size, low cost, **Hi-Coupling™ Laser Diode** can be used as stand alone or a OEM component for many applications in instrumentation, biomedical, sensor, chemical and other industries.

Hi-Coupling™ Laser Diode can be used for FP laser diode, DFB laser diode, VCSEL, SLED, LED and other types of laser diode. The customer can specify any type of laser diode and we can make high coupling efficiency fiber pigtailed laser diode module for him.



Features:

- High coupling efficiency
- Any type of laser diode
- CW or pulse operation
- Any type of fiber pigtail
- Laser diode wavelength from 375nm to 2200nm
- Small Size
- Standard and customer mount
- Connector type: FC/PC, FC/APC, ST, SC, SMA

Applications:

Industrial

- Photograph/Printing



- Heat treating
- Quick curing of epoxy glue
- Transformation hardening

Medical Research

- Laser hyperthermia photodynamic studies
- DNA analysis
- Contact cutting, ablation
- Coagulation necrosis
- Tissue welding/fusion

Instrumentation and Sensor

- Alignment
- Indicator
- Light source

Specifications

| | |
|------------------------------|-----------------------------------|
| Power Output in Fiber | 0.05mW to 3 Watt. |
| Center Wavelength | 375nm to 2200nm |
| Bandwidth (FWHM) | 0.5nm to 3nm @CW: 375nm to 2200nm |
| Connector | FC/PC, FC/APC, ST, SC, SMA |
| Fiber Type | SM, MM, PM |
| Package size | 12mm x 30mm (diameter x length) |
| Mount base (optional) | Standard and customer made |
| Operation Temperature | 5°C - 45°C |
| Operation mode | CW and pulse |

We have unbeatable price for this product.

- price is updating, please make a request for our most recent price by calling (514)334-4588 or by emailing sales@o-eland.com