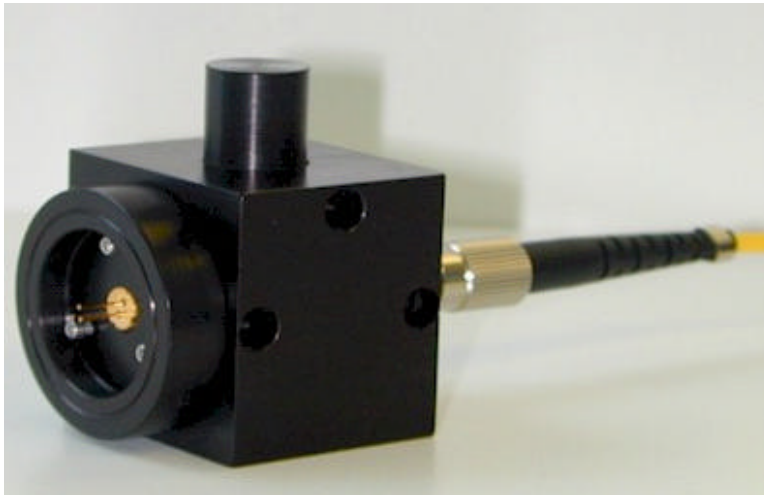




## Fiber Coupled Laser Diode with Optical Shuttle

O/E LAND INC. begin to offer new type fiber coupled laser diode module with build in optical shuttle with model number **TO-Shuttle™ Laser Diode**. **TO-Shuttle™ Laser Diode** can be receptacle or pigtailed with single mode fiber, multi mode fiber, PM fiber, or other special type fiber. With our property package technology, **TO-Shuttle™ Laser Diode** has high coupling efficiency, small size, low cost, **TO-Shuttle™ Laser Diode** can be used as stand alone or a OEM component for many applications in instrumentation, biomedical, sensor, chemical and other industries. **TO-Shuttle™ Laser Diode** can be equipped with any single mode or multimode 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 will make high coupling efficiency fiber receptacle or pigtailed laser diode module for him.



### Features:

- Build in optical shuttle(manual or electrical control)
- 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
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- 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

<b>Optical Shuttle type</b>	Manual or Electrical Control .
<b>Center Wavelength</b>	375nm to 2200nm
<b>Pigtail Type</b>	Receptacle or fiber pigtail
<b>Connector</b>	FC/PC, FC/APC, ST, SC, SMA
<b>Fiber Type</b>	SM, MM, PM
<b>Package size</b>	45mm x 36mm x 50mm ( length x width x height )
<b>Electrical Control</b>	Optional
<b>Operation Temperature</b>	5° C - 45° C
<b>Laser Operation mode</b>	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](mailto:sales@o-eland.com)