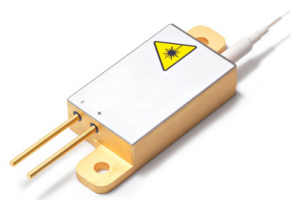


PLD-975-30



30W Uncooled Multimode Pump Laser Diode, 975nm

The Optilab PLD-975-30 multimode single emitter based laser diode is designed to provide a high power (30W) output fiber laser for compact pump configurations, greater pump block efficiency and simplification of packaging, reducing the footprint of fiber laser pump stages. The laser includes a feedback protection filter that protects the laser diodes from harmful fiber laser wavelength feedback.

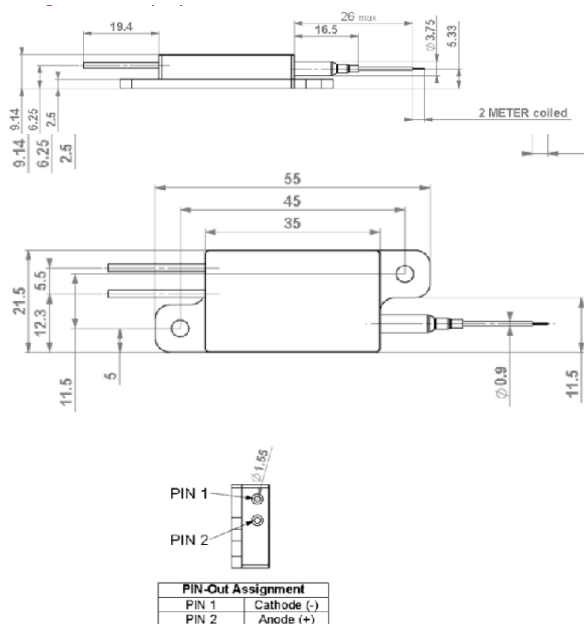
Features

- Single emitter based laser diode design
- Optical output power of 30W
- 0.15NA 105µm core multimode optical fiber
- Hermetically sealed 2-pin package

Applications

- Fiber laser pumping
- Material processing
- Medical

Mechanical Drawing



Optical Specifications	
CW Output Power	30W typ.
Center Wavelength	970 to 980 nm
Spectral Width	6 nm typ.
Threshold Current	0.6A to 0.7A
Operating Current	12A max.
Operating Voltage	5.2V to 5.8V
Mechanical Specifications	
ESD	500V max.
Storage Temperature	-40° to +85° C
Lead Soldering Temperature	320° C
Lead Soldering Time	10 Sec.
Operation Case Temperature	+15° to +60° C
Relative Humidity	5% to 85%° C
Fiber Bend Radius	25mm

To order, please click below.

