

Pigtailed Laser Diode, SMF

LPS-635-FC

Description

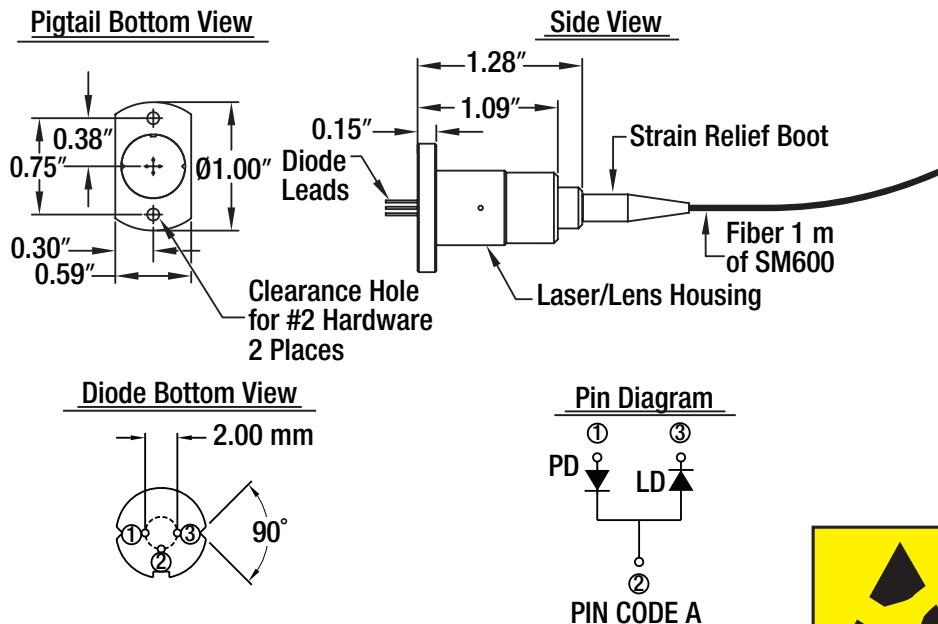
Thorlabs' Single Mode Pigtailed Laser Diodes are standard TO-packaged diodes that have been pigtailed to a 1 m long single mode fiber with an FC/PC connector. We test each pigtail before shipment to customers and a unit-specific spec sheet is included with each pigtail; please use the included spec sheet for optimal operating parameters.



Specifications

Specification	Value	Specification	Min	Typ	Max
LD Reverse Voltage	2 V	Wavelength	625 nm	635 nm	640 nm
PD Reverse Voltage	30 V	Output Power	2.0 mW	2.5 mW	3.5 mW
Operating Case Temperature	-10 to 50 °C	Threshold Current	20 mA	50 mA	75 mA
Storage Temperature	-40 to 85 °C	Operating Current	-	70 mA	95 mA
Pin Code	9A	Operating Voltage	-	-	2.7 V
Laser Diode	HL6320G	Slope Efficiency	-	-	-
Fiber	SM600	Monitor Current	0.05 mA	0.17 mA	0.3 mA
Connector	FC/PC				

Drawings



NOTICE

To avoid equipment damage from electrostatic discharge:
Wear ESD wriststrap when handling this device.

<p>USA, Canada, and South America</p> <p>Thorlabs, Inc. 435 Route 206 Newton, NJ 07860, USA</p> <p>Tel: 973-579-7227 Fax: 973-300-3600</p>	<p>Europe</p> <p>Thorlabs GmbH 85221 Dachau, Germany Tel: +49-(0)8131-5956-0</p> <p>Scandinavia</p> <p>Thorlabs Sweden AB 400 20 Göteborg, Sweden Tel: +46-31-733-30-00</p>	<p>UK and Ireland</p> <p>Thorlabs LTD. Cambridgeshire CB7 4EX, GB Tel: +44 (0)1353-654440</p> <p>Japan and Asia</p> <p>Thorlabs Japan Inc. Toshima-ku, Tokyo 170-0013, Japan Tel: +81-3-5979-8889</p>	<p>France</p> <p>Thorlabs SAS 78600 Maisons-Laffitte, France Tel: +33 (0) 970 444 844</p> <p>China</p> <p>Thorlabs China Shanghai, China Tel: +86 (0)21-32513486</p>
---	---	---	--

