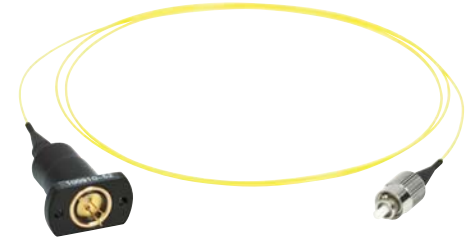


## Pigtailed Laser Diode, SMF

LPS-675-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.

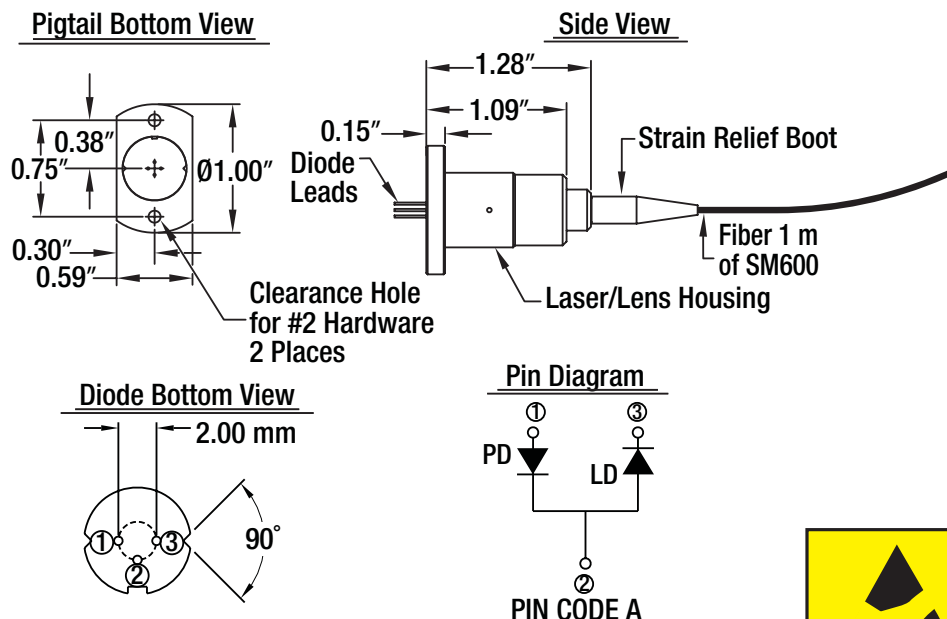


### Specifications

Specification	Value
LD Reverse Voltage	2 V
PD Reverse Voltage	30 V
Operating Case Temperature	-10 to 50 °C
Storage Temperature	-40 to 85 °C
Pin Code	9A
Laser Diode	HL6714G
Fiber	SM600
Connector	FC/PC

Specification	Min	Typ	Max
Wavelength	660 nm	670 nm	680 nm
Output Power	2.0 mW	2.5 mW	3.5 mW
Threshold Current	20 mA	35 mA	60 mA
Operating Current	-	55 mA	90 mA
Operating Voltage	-	-	2.7 V
Slope Efficiency	0.3 mW/mA	0.5 mW/mA	0.8 mW/mA
Monitor Current	0.3 mA	0.8 mA	1.5 mA

### Drawings



**NOTICE**

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

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