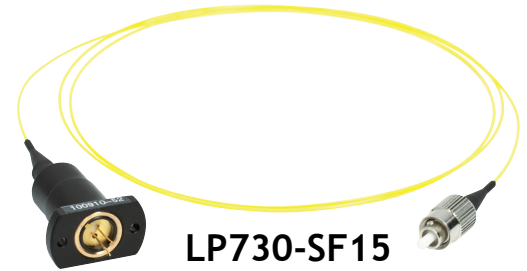


### Description

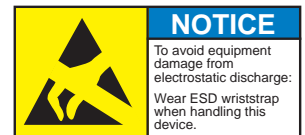
Thorlabs' Single Mode Pigtailed Laser Diodes are standard TO-packaged diodes that have been pigtailed to a 1 m long single mode fiber with an FC/PC connector. Each unit is tested before shipment. Please refer to the unit-specific test datasheet for optimal operating parameters.



LP730-SF15

### Specifications

Absolute Maximum Ratings <sup>a</sup>	
LD Reverse Voltage (Max)	2 V
PD Reverse Voltage (Max)	30 V
Optical Output Power	20 mW
Operating Temperature	0 to 50 °C
Storage Temperature	-10 to 65 °C
Pin Code	5A
Fiber Specifications	
Fiber	SM600
Connector	2.0 mm Narrow Key FC/PC



a. Absolute Maximum Rating specifications should never be exceeded. Operating at or beyond these conditions can permanently damage the laser.

LP730-SF15 Specifications			
	Min	Typ.	Max
Wavelength	720 nm	730 nm	740 nm
Threshold Current <sup>b</sup>	-	30 mA	60 mA
Optical Output Power	-	15 mW	-
Slope Efficiency <sup>b</sup>	0.15 mW/mA	0.40 mW/mA	-
Operating Current @ $P_0 = 15 \text{ mW}^b$	-	70 mA	100 mA
Operating Voltage @ $P_0 = 15 \text{ mW}^b$	-	2.5 V	-
Monitor Current @ $P_0 = 15 \text{ mW}^b$	0.15 mA	0.3 mA	-

b. Temperature = 25 °C

## Drawing

