



LP785-SF20

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.

Specifications

LP785-SF20		
LD Reverse Voltage (Max)	2 V	
PD Reverse Voltage (Max)	75 V	
Optical Output Power	20 mW (Typ.)	25 mW (Max)
Operating Temperature	0 to 50 °C	
Storage Temperature	-10 to 65 °C	
Pin Code	5A	
Fiber	780HP	
Connector	FC/PC	

LP785-SF20			
	Min	Typical	Max
Wavelength	775 nm	785 nm	795 nm
Threshold Current*	-	35 mA	55 mA
Slope Efficiency*	0.25 W/A	0.40 W/A	-
Operating Current @ $P_0 = 20 \text{ mW}^*$	-	85 mA	120 mA
Operating Voltage @ $P_0 = 20 \text{ mW}^*$	-	1.9 V	2.2 V

*Temperature = 25 °C

Drawings

