



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-SF100 Specifications		
LD Reverse Voltage (Max)	2V	
PD Reverse Voltage (Max)	-	
Optical Output Power	100 mW (Typ.)	110 mW (Max)
Operating Temperature	0 to 50 °C	
Storage Temperature	-10 to 65 °C	
Pin Code	9H	
Fiber	780HP	
Connector	FC/PC	

LP785-SF100 Specifications			
	Min	Typ.	Max
Wavelength	775 nm	785 nm	795 nm
Threshold Current*	-	80 mA	120 mA
Slope Efficiency*	0.20 W/A	0.40 W/A	-
Operating Current @ $P_0 = 100$ mW*	-	300 mA	450 mA
Operating Voltage @ $P_0 = 100$ mW*	-	2.0 V	2.8 V

*Temperature = 25 °C

Drawing

