



LP980-SF15

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

LP980-SF15 Specifications		
LD Reverse Voltage (Max)	2 V	
PD Reverse Voltage (Max)	20 V	
Optical Output Power	15 mW (Typ.)	16 mW (Max)
Operating Temperature	0 to 50 °C	
Storage Temperature	-10 to 65 °C	
Pin Code	5E	
Fiber	SM980-5.8-125	
Connector	FC/PC	

LP980-SF15 Specifications			
	Min	Typ.	Max
Wavelength	970 nm	980 nm	990 nm
Threshold Current*	-	15 mA	20 mA
Slope Efficiency*	0.20 mW/mA	0.25 mW/mA	-
Operating Current @ P ₀ = 15 mW*	-	70 mA	90 mA
Operating Voltage @ P ₀ = 15 mW*	-	1.5 V	2.0 V
Monitor Current @ P ₀ = 15 mW*	-	0.3 mA	-

*Temperature = 25 °C

Drawing

