



LPS-1060-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. Each unit is tested before shipment. Please refer to the unit-specific test datasheet for optimal operating parameters.

Specifications

LPS-1060-FC Specifications		
LD Reverse Voltage (Max)	2 V	
PD Reverse Voltage (Max)	20 V	
Optical Output Power	50 mW (Typ.)	60 mW (Max)
Operating Temperature	0 to 50 °C	
Storage Temperature	-10 to 65 °C	
Pin Code	9A	
Fiber	HI1060	
Connector	FC/PC, 2.0 mm Narrow Key	

LPS-1060-FC Specifications			
	Min	Typ.	Max
Wavelength	1054 nm	1064 nm	1074 nm
Threshold Current*	-	30 mA	60 mA
Slope Efficiency*	0.20 mW/mA	0.40 mW/mA	-
Operating Current @ $P_0 = 50 \text{ mW}^*$	-	220 mA	300 mA
Operating Voltage @ $P_0 = 50 \text{ mW}^*$	-	1.4 V	2.0 V
Monitor Current @ $P_0 = 50 \text{ mW}^*$	-	0.04 mA	-

*Temperature = 25 °C

Drawing

