



LPS-660-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-660-FC Specifications		
LD Reverse Voltage (Max)	2 V	
PD Reverse Voltage (Max)	30 V	
Optical Output Power	7.5 mW (Typ.)	9.0 mW (Max)
Operating Temperature	0 to 50 °C	
Storage Temperature	-10 to 65 °C	
Pin Code	5C	
Laser Diode	HL6501MG	
Fiber	SM600	
Connector	FC/PC	

LPS-660-FC Specifications			
	Min	Typ.	Max
Wavelength	645 nm	658 nm	665 nm
Threshold Current*	30 mA	45 mA	70 mA
Slope Efficiency*	0.2 mW/mA	0.25 mW/mA	-
Operating Current @ $P_o = 7.5 \text{ mW}^*$	-	65 mA	95 mA
Operating Voltage @ $P_o = 7.5 \text{ mW}^*$	2.1 V	2.6 V	3 V
Monitor Current @ $P_o = 7.5 \text{ mW}^*$	0.05 mA	0.17 mA	0.3 mA

*Temperature = 25 °C

Drawing

