



LP915-SF40

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

LP915-SF40 Specifications		
LD Reverse Voltage (Max)	2 V	
PD Reverse Voltage (Max)	30 V	
Optical Output Power	40 mW (Typ.)	50 mW (Max)
Operating Temperature	0 to 50 °C	
Storage Temperature	-10 to 65 °C	
Pin Code	9A	
Fiber	SM800-5.6-125	
Connector	FC/PC	

LP915-SF40 Specifications			
	Min	Typ.	Max
Wavelength	905 nm	915 nm	925 nm
Threshold Current*	-	25 mA	50 mA
Slope Efficiency*	0.15 mW/mA	0.50 mW/mA	-
Operating Current @ $P_0 = 40$ mW*	-	130 mA	200 mA
Operating Voltage @ $P_0 = 40$ mW*	-	1.5 V	2.5 V
Monitor Current @ $P_0 = 40$ mW*	0.1 mA	0.2 mA	0.5 mA

*Temperature = 25 °C

Drawing

