



LPM-635-SMA

### Description

Thorlabs' Multimode Pigtailed Laser Diodes are standard TO-packaged diodes that have been pigtailed to a 1 m long multimode fiber with an SMA connector. Each unit is tested before shipment. Please refer to the unit-specific test datasheet for optimal operating parameters.

### Specifications

LPM-635-SMA Specifications			
LD Reverse Voltage (Max)	2 V		
PD Reverse Voltage (Max)	20 V		
Optical Output Power	7 mW (Min)	8 mW (Typ.)	9 mW (Max)
Operating Temperature	0 to 50 °C		
Storage Temperature	-10 to 65 °C		
Pin Code	9A		
Laser Diode	HL6320G		
Fiber	GIF625		
Connector	SMA		

LPM-635-SMA Specifications			
	Min	Typ.	Max
Wavelength	625 nm	635 nm	640 nm
Threshold Current*	20 mA	50 mA	75 mA
Slope Efficiency*	0.3 mW/mA	0.4 mW/mA	-
Operating Current @ $P_0 = 7.5 \text{ mW}^*$	-	70 mA	95 mA
Operating Voltage @ $P_0 = 7.5 \text{ mW}^*$	-	2.2 V	2.7 V
Monitor Current @ $P_0 = 7.5 \text{ mW}^*$	0.05 mA	0.17 mA	0.3 mA

\*Temperature = 25 °C

### Drawing

