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880nm, 1mW, 1000mA, SMA Connector, Fiber-Coupled LED



Fiber Coupled LEDs

Stock #23-742 **1 In Stock**

MRP ₹84,960

Price inclusive of all taxes

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Volume Pricing	
Qty 1+	₹84,960 each
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General

Operating Lifetime (hours):
~10,000

Contents of Kit:
 1 x Mounted LED
 1 x LED Driver
 1 x SMA Cable for Modulation
 1 x $\phi 600\mu\text{m}$, 1m Length, 0.22NA, MM Patchcord

Note:
5VDC Power Supply sold separately

Optical Properties

Infrared	Color:
880 (Nominal)	Wavelength (nm):
50 (FWHM)	Bandwidth (nm):

Electrical

1000 (maximum)	Current (mA):
1 (typical, with ø600µm Core Fiber)	Output Power (mW):
1.7	Forward Voltage (V) :

Hardware & Interface Connectivity

SMA	Connector:
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Regulatory Compliance

Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 233:
China	Country of Origin:
Imported By: Edmund Optics India Private Limited 267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038 Phone: +91- 80-6845 0000	

Product Details

- Center Wavelengths from 340 - 1200nm
- Integrated Heat Sink for Thermal Management
- Continuous, TTL, or Analog Modulation Operation

Fiber Coupled LEDs are available in a broad selection of nominal wavelengths covering the UV, visible, and NIR spectra. Each fiber coupled LED consists of a single LED mounted to a heat sink housing with a SMA connector and slotted holes, enabling easy mounting to optical benchtops. Each stock number includes a 1 meter long, 0.22NA, ø600µm SMA Cable which can be collimated using our [Lightpath® Fiber Optic Collimators](#). The included driver allows for continuous or modulated (TTL and analog) operation of the LED and has a physical knob for output intensity adjustment. Fiber Coupled LEDs are ideal for use in microscopy, life science, or general lab applications where they can serve as alternatives to low power lasers.

Note: A 5V DC Power Supply, sold separately, is required for operation. See the accessories tab for the recommended power supply for your region.

Technical Information

