730nm, 5mW, 1000mA, SMA Connector, Fiber-Coupled LED

Fiber Coupled LEDs

Stock **#23-739** CONTACT US

- 1 + €800.00

ADD TO CART

Volume Pricing	
Qty 1+	**€800,00** each
Need More?	Request Quote

Prices shown are exclusive of VAT/local taxes

Product Downloads

SPECIFICATIONS

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 ø600µm, 1m Length, 0.22NA, MM Patchcord

Note:
5V DC Power Supply sold separately

Optical Properties

Color:
Infrared

Wavelength (nm):
730.00 (Nominal)

Bandwidth (nm):
42 (FWHM)

Electrical

Current (mA):
1000 (maximum)

Output Power (mW):
5 (typical, with ø600µm Core Fiber)

Forward Voltage (V) :
2.3

Hardware & Interface Connectivity

Connector:
SMA

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

Reach 233:
Compliant

PRODUCT DETAILS

- Center Wavelengths from 375 - 1050nm
- 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