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500nm, 3mW, 10

Fiber Coupled LED



Fiber Coupled LEDs

Please select your shipping country to view the most accurate inventory information, and to determine the correct Edmund Optics sales office for your order.

Select Your Country/Region: European Union

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1

€985^{,95}

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Volume Pricing

Qty	€985,95
1+	each

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Product Downloads

- STEP:step
- PDF Drawing:pdf
- IGES:igs
- eDrawing:eprt
- EO Spec Sheet
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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 ø600µm, 1m Length, 0.22NA, MM Patchcord

Note: 5V DC Power Supply sold separately

Optical Properties

Color: Cyan

Wavelength (nm): 500 (Nominal)

Bandwidth (nm): 37 (FWHM)

Electrical

Current (mA): 1000 (maximum)

Output Power (mW): 3 (typical, with ø600µm Core Fiber)

Forward Voltage (V) : 3.3

Hardware & Interface Connectivity

Connector: SMA

Regulatory Compliance

RoHS 2015: [Compliant](#)

Certificate of Conformance: [View](#)

Reach 233: [Compliant](#)

- 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, $\varnothing 600\mu\text{m}$ SMA Cable which can be collimated using our [Lightpath® Fiber](#) (log) operation of the LED and has a physical knob for output intensity adjustment. Fiber coupled LEDs are available in CW and pulsed operation. They can serve as alternatives to low power lasers.

Note: A 5V DC Power Supply, sold separately, is required for operation.

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Technical Information

Accessories

Note: Compatible accessories for individual stock numbers may vary. If unsure about which accessories work with your products, please contact us [here](#).

	Title	Compare	Stock Number	Price	Buy
MORE+	0.50 NA Patchcord 400 Micron Fiber w/ SMA Connector		#28-741	€301,00 Request Quote	CONTACT US 1
MORE+	0.50 NA Patchcord 600 Micron Fiber w/ SMA Connector		#28-742	€316,00 Request Quote	CONTACT US 1
MORE+	0.50 NA Patchcord 1000 Micron Fiber w/ SMA Connector		#28-743	€377,00 Request Quote	2 In Stock 1
MORE+	5V DC/2.4A Power Supply & Plug Adapters		#73-818	€43,00 Volume Pricing Request Quote	17 In Stock 1