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# 275nm, 3mW, SMA



Digital Fiber Coupled LEDs

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1

€1.495<sup>,00</sup>

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Volume Pricing	
Qty 1-9	€1.495,00 each
Qty 10-24	€1.345,50 each
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Prices shown are exclusive of VAT/local taxes

Product Downloads	
PDF Drawing:pdf	
User Manual:pdf	
EO Spec Sheet	<a href="#">Download All</a>

## General

**Operating Lifetime (hours):** ~10,000

**Contents of Kit:** 1 x Fiber-coupled LED Unit  
1 x 12V DC Power Supply  
1 x International AC Socket Clip  
1 x USB to RS232 adapter cable

**Note:** Fiberoptic Patch Cords sold separately

## Optical Properties

**Color:** UVC

**Wavelength (nm):** 275 (Nominal)

**Bandwidth (nm):** 10 (FWHM)

## Electrical

**Output Power (mW):** 3 (typical, with 1000micron Core Fiber 0.22NA)

## Hardware & Interface Connectivity

**Connector:** SMA

## Regulatory Compliance

**Certificate of Conformance:** [View](#)

## Product Details

- Wavelengths from 275 - 940nm, with Broadband
- High Output Powers up to 250mW
- Integrated Driver and Controller for Ease

Digital Fiber Coupled LEDs provide high radiant power and long life. Output power and duty cycle parameters can be controlled including output power and duty cycle utilizing the intuitive software interface. Designed with passive thermal management, they are ideal for applications requiring long life and lamp replacement. Digital Fiber Coupled LEDs are used in a variety of applications including fluorescence excitation, photodynamic therapy (PDT), and UV-based chemical and biological analysis. They are easily controlled and integration into a range of programming languages including LabVIEW, MATLAB, and Python through serial communication.

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Integrated driver and controller, a range of LED output powers, and duty cycle utilizing the intuitive software interface. Designed with passive thermal management, they are ideal for applications requiring long life and lamp replacement. Digital Fiber Coupled LEDs are used in a variety of applications including fluorescence excitation, photodynamic therapy (PDT), and UV-based chemical and biological analysis. They are easily controlled and integration into a range of programming languages including LabVIEW, MATLAB, and Python through serial communication.

**Note:** For maximum power output, it is recommended to use fiber patch cords with larger core diameters and high numerical apertures (NA) to optimize input coupling.

## 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
<a href="#">MORE+</a>	0.63 NA Patchcord 1000 Micron Fiber w/ SMA Connector		#70-916	€143,50 <a href="#">Volume Pricing</a>   <a href="#">Request Quote</a>	2 In Stock <input type="text" value="1"/>
<a href="#">MORE+</a>	0.58 NA Patchcord 1000 Micron Fiber w/ SMA Connector		#70-917	€165,00 <a href="#">Volume Pricing</a>   <a href="#">Request Quote</a>	1 In Stock <input type="text" value="1"/>
<a href="#">MORE+</a>	0.50 NA Patchcord 1000 Micron Fiber w/ SMA Connector		#70-918	€340,00 <a href="#">Volume Pricing</a>   <a href="#">Request Quote</a>	<a href="#">CONTACT US</a> <input type="text" value="1"/>
<a href="#">MORE+</a>	0.22 NA Patchcord 1000 Micron Fiber w/ SMA Connector		#70-919	€360,00 <a href="#">Volume Pricing</a>   <a href="#">Request Quote</a>	1 In Stock <input type="text" value="1"/>
<a href="#">MORE+</a>	DIN Rail Mount Kit		#70-922	€56,50 <a href="#">Volume Pricing</a>   <a href="#">Request Quote</a>	3 In Stock <input type="text" value="1"/>
<a href="#">MORE+</a>	Right-Angle Flange Mount Pair		#70-923	€56,50 <a href="#">Volume Pricing</a>   <a href="#">Request Quote</a>	1 In Stock <input type="text" value="1"/>