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# UV Solarization-Resistant Fiber Patch Cord, 400 µm Core, Silicone-coated steel monocoil

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Stock #90-554 **NEW** [CONTACT US](#)

- 1 + €325.<sup>00</sup>

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#### Volume Pricing

Qty 1+	€325,00 each
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#### Product Downloads

#### General

QP400-2-SR **Model Number:**

#### Physical & Mechanical Properties

2 **Length (m):**

400 **Core Diameter (µm):**

**Jacket Material:**

## Optical Properties

0.22	<b>Numerical Aperture NA:</b>
200 - 1100	<b>Wavelength Range (nm):</b>

## Hardware & Interface Connectivity

SMA	<b>Connector:</b>
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## Material Properties

Polyimide	<b>Buffer Material:</b>
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## Regulatory Compliance

<a href="#">Compliant</a>	<b>RoHS 2015:</b>
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<a href="#">Compliant</a>	<b>Reach 250:</b>
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## Product Details

- Connects Directly with Ocean Optics Spectrometers & Accessories
- Broad Wavelength Coverage: VIS-NIR, SR, and XSR Fibers Optimized for 180–2100 nm
- Solarization-Resistant Fibers Maintain Signal Accuracy Under Harsh UV
- Multiple Jacketing Choices for Durability and Tight Bend Radius Needs

Ocean Optics offers a complete line of premium optical fiber patch cords compatible with [Ocean Optics spectrometers](#) to suit a range of VIS-NIR and UV-NIR spectroscopy needs. Use them as illumination or read fibers to connect spectrometers, light sources, probes, or sampling accessories with maximum transmission efficiency and minimal signal loss. Choose standard visible-NIR assemblies for broadband applications or select solarization-resistant options to maintain signal fidelity when working with high UV power. Ocean Optics Spectrometer Patch Cords are available with a range of jacketing options designed to enhance durability and accommodate applications requiring a tight bend radius.

**VIS-NIR Patch Cords (400–2100 nm):** Best for routine broadband spectroscopy with minimal OH content, minimizing light absorption caused by hydroxyl ions (OH<sup>-</sup>), for efficient NIR transmission.

**Solarization-Resistant Patch Cords (200–1100 nm):** Ideal for UV-NIR work where standard silica fibers degrade under high UV exposure.

**Extreme Solarization-Resistant Patch Cords (180–800 nm):** Essential for deep-UV applications where the highest UV resistance is required.