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

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⊖ 1 ⊕ **S\$455⁰⁰**

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General

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

Physical & Mechanical Properties

2 **Length (m):**

400 **Core Diameter (μm):**

Silicone-coated steel monocoil **Jacket Material:**

Optical Properties

0.22 **Numerical Aperture NA:**

200 - 1100 **Wavelength Range (nm):**

Hardware & Interface Connectivity

SMA **Connector:**

Material Properties

Polyimide **Buffer Material:**

Regulatory Compliance

[Compliant](#) **RoHS 2015:**

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[Compliant](#) **Reach 250:**

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⁻), 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.