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# UV Extreme Solarization-Resistant Fiber Patch Cord

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**General**

QP600-2-XSR **Model Number:**

**Physical & Mechanical Properties**

2 **Length (m):**

600 **Core Diameter (µm):**

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

## Optical Properties

0.22 Numerical Aperture NA:

180 - 800 Wavelength Range (nm):

## Hardware & Interface Connectivity

SMA Connector:

## Material Properties

Polyimide Buffer Material:

## Regulatory Compliance

[Compliant](#) RoHS 2015:

[View](#) Certificate of Conformance:

[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<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.