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# UV Extreme Solarization-Resistant Fiber Patch Cord

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## Product Downloads

### General

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

### Physical & Mechanical Properties

2 **Length (m):**

600 **Core Diameter (µm):**

**Jacket Material:**

Silicone-coated steel monocoil

## 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.