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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:**

China **Country of Origin:**

**Imported By:**  
Edmund Optics India Private Limited  
267, Greystone Building, Second Floor,  
6th Cross Rd, Binnamangala,  
Stage 1, Indiranagar, Bengaluru,  
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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.