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UV Solarization-Resistant Fiber Patch Cord, 400 µm Core, Stainless steel BX

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General

Model Number:
QP400-2-SR-BX

Physical & Mechanical Properties

Length (m):
2

Core Diameter (µm):
400

Jacket Material:
Stainless-steel BX

Optical Properties

Numerical Aperture NA:
0.22

Wavelength Range (nm):
200 - 1100

Hardware & Interface Connectivity

Connector:
SMA

Material Properties

Buffer Material:
Polyimide

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

Reach 250:
Compliant

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.

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