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

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Stock #90-554 NEW 1 In Stock

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1

+

£260⁰⁰

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Qty 1+	£260.00 each
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Product Downloads

General	
QP400-2-SR	Model Number:
Physical & Mechanical Properties	
2	Length (m):
400	Core Diameter (µm):
Jacket Material:	

Silicone-coated steel monocoil	
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:
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⁻), 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.