

# Visible-NIR Reflection/Backscatter Probe, Silicone-coated steel monocoil

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#### General

QR400-7-VIS-NIR **Model Number:**

Visible-NIR Reflection/Backscatter Probe, Silicone-coated steel monocoil **Title:**

#### Physical & Mechanical Properties

400 **Core Diameter (µm):**

Silicone Monocoil, PVDF Zip Tube **Jacket Material:**

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16 Long Term Bend Radius (cm):

8 Short Term Bend Radius (cm):

## Optical Properties

400 - 2100 Wavelength Range (nm):

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## Regulatory Compliance

[Compliant](#) RoHS 2015:

[View](#) Certificate of Conformance:

[Compliant](#) Reach 250:

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## Product Details

- Versatile Sampling for Diffuse/Specular Reflectance, Backscatter & Fluorescence
- Various Wavelength and Environmental Durability Models
- Extreme Solarization-Resistant (XSR) Probe Features Ultra-Low Loss Fiber for Harsh UV Exposure
- Connects Directly with Ocean Optics Spectrometers & Accessories

Ocean Optics Reflection/Backscatter Probes are compact, fiber-coupled sampling tools for measuring diffuse and specular reflectance, backscatter, or fluorescence in solids, solutions, or powders, and connect directly with [Ocean Optics Spectrometers and Accessories](#). They provide quantitative insights into a sample's color, appearance, and chemical composition. Choose from Visible-NIR, Solarization-Resistant, or XSR models for applications ranging from routine reflectance to demanding UV measurements. With durable jacketing, precision ferrules, and solarization-resistant fiber, the rugged design ensures reliable performance even in harsh conditions. Ocean Optics Reflection/Backscatter Probes can be optimized for UV applications, with the XSR probe featuring ultra-low loss fiber designed to withstand harsh UV exposure.

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