

## Solarization-Resistant Reflection/Backscatter Probe, Stainless steel BX

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### Product Downloads

### General

Model Number:  
QR400-7-SR-BX

Title:  
Solarization-Resistant Reflection/Backscatter  
Probe, Stainless steel BX

### Physical & Mechanical Properties

Core Diameter (µm):  
400

Jacket Material:  
Stainless Steel BX

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16 **Long Term Bend Radius (cm):**

8 **Short Term Bend Radius (cm):**

## Optical Properties

200 - 1100 **Wavelength Range (nm):**

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## Regulatory Compliance

**RoHS 2015:**  
[Compliant](#)

**Certificate of Conformance:**  
[View](#)

**Reach 250:**  
[Compliant](#)

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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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