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Extreme Solarization-Resistant Reflection/Backscatter Probe

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- 1 + £1,847²⁰

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Volume Pricing

Qty 1+	£1,847.20 each
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Product Downloads

General

QR450-7-XSR

Model Number:

Extreme Solarization-Resistant
Reflection/Backscatter Probe

Title:

Physical & Mechanical Properties

450

Core Diameter (µm):

Silicone Monocoil	Jacket Material:
16	Long Term Bend Radius (cm):
8	Short Term Bend Radius (cm):
Optical Properties	
180 - 900	Wavelength Range (nm):
Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 250:

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.