

[See all 7 Products in Family](#)

Extreme Solarization-Resistant Reflection/Backscatter Probe

See More by [Ocean Optics](#)



Stock #90-566 **NEW** 1 In Stock

- 1 + MRP ₹2,45,216

● Price inclusive of all taxes

ADD TO CART

Volume Pricing

Qty 1+	₹2,45,216 each
Need More?	Request Quote

Product Downloads

General

QR450-7-XSR **Model Number:**

Extreme Solarization-Resistant
Reflection/Backscatter Probe **Title:**

Physical & Mechanical Properties

450 **Core Diameter (µm):**

Jacket Material:

Silicone Monocoil

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:**

China **Country of Origin:**

Imported By:
Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
Phone: +91- 80-6845 0000

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.