

## 200µm 0.22 NA UV/VIS Fiber, 10m Length



Stock #57-068 CLEARANCE 7 In Stock

MRP ₹8,655

Price inclusive of all taxes

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-4        | ₹8,655 each                   |
| Qty 5+         | ₹7,700 each                   |
| Need More?     | <a href="#">Request Quote</a> |

### Product Downloads

### General

**Note:**  
Fiber ends are not polished.

### Physical & Mechanical Properties

Cladding Diameter (µm):  
220 ±4

Minimum Bend Radius (mm):

44/22 (Continuous/Momentary)

10.00 Length (m):

239 ±5 Outer Diameter (µm):

200 ±4 Core Diameter (µm):

## Optical Properties

25.4 Acceptance Angle (°):

UV/MS Coating:

Fused Silica Substrate: □

0.22 Numerical Aperture NA:

1.457 Index of Refraction (n<sub>d</sub>) - Core:

1.439 Index of Refraction (n<sub>d</sub>) - Cladding:

190 - 1250 Wavelength Range (nm):

±0.02 Numerical Aperture (NA) Tolerance:

## Material Properties

Polyimide Buffer Material:

## Environmental & Durability Factors

-190 to +390 Operating Temperature (°C):

## Regulatory Compliance

[Compliant](#) RoHS 2015:

[Compliant](#) Reach 209:

[View](#) Certificate of Conformance:

United States 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

### UV/VIS Optical Fibers

- High OH Content
- Fused Silica Core
- Stepped Index
- Multimode Fiber

### VIS/NIR Optical Fibers

- Low OH Content
- Ideal for Use with NIR Diode Lasers
- Fused Silica Core
- Stepped Multimode Fiber

Buffered Fiber Optics are ideal for regions of the UV/Visible and Visible/NIR spectrum not covered by our plastic optical fibers. These fibers have a fused silica core and cladding, as well as a polymer buffer for added protection. Fiber diameters of 50µm – 600µm feature a high temperature, high strength polyimide buffer, while the 1mm fibers are buffered with nylon for greater protection. Buffered Fiber Optics are offered in UV/MS or VIS/NIR Fibers in 10 and 25m lengths, from 50 to 600µm.

**Note:** Fiber ends are not polished.

## Technical Information

