

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



Stock **#57-086** CLEARANCE CONTACT US

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+

₹6,539

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-4        | ₹6,539 each                   |
| Qty 5+         | ₹5,761 each                   |
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Product Downloads

### SPECIFICATIONS

General

Fiber ends are not polished.

Note:

| Physical & Mechanical Properties   |                                                   |
|------------------------------------|---------------------------------------------------|
| 220 ±4                             | Cladding Diameter (µm):                           |
| 44/22 (Continuous/Momentary)       | Minimum Bend Radius (mm):                         |
| 10.00                              | Length (m):                                       |
| 239 ±5                             | Outer Diameter (µm):                              |
| 200 ±4                             | Core Diameter (µm):                               |
| Optical Properties                 |                                                   |
| 25.4                               | Acceptance Angle (°):                             |
| VIS/NIR                            | Coating:                                          |
| Fused Silica                       | Substrate: <input type="checkbox"/>               |
| 0.22                               | Numerical Aperture NA:                            |
| 1.457                              | Index of Refraction (n <sub>d</sub> ) - Core:     |
| 1.440                              | Index of Refraction (n <sub>d</sub> ) - Cladding: |
| 300 - 2400                         | 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:                       |

## 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

