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## 50µm 0.22 NA UV/VIS Fiber, 25m Length



Stock **#57-072** **3 In Stock**

MRP ₹15,718

Price inclusive of all taxes

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Volume Pricing	
Qty 1-4	₹15,718 each
Qty 5-24	₹13,912 each
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### Product Downloads

### General

**Note:**

Fiber ends are not polished.

### Physical & Mechanical Properties

Cladding Diameter (µm):  
125 +1/-3

Minimum Bend Radius (mm):

25/13 (Continuous/Momentary)

25.00 Length (m):

145 ±5 Outer Diameter (µm):

50 ±2 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  
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## 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

