

## 100µm 0.22 NA UV/VIS Fiber, 25m Length



Stock **#57-073** [CONTACT US](#)

⊖ 1 ⊕ A\$169<sup>00</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-4	A\$169.60 each
Qty 5-24	A\$150.40 each
Need More?	<a href="#">Request Quote</a>

### Product Downloads

### General

**Note:**

Fiber ends are not polished.

### Physical & Mechanical Properties

Cladding Diameter (µm):  
110 ±3

Minimum Bend Radius (mm):  
22/11 (Continuous/Momentary)

25.00	Length (m):
124 ±3	Outer Diameter (µm):
100 ±3	Core Diameter (µm):
<b>Optical Properties</b>	
25.4	Acceptance Angle (°):
UV/MS	Coating:
Fused Silica	Substrate: □
0.22	Numerical Aperture NA:
1.457	Index of Refraction (n <sub>1</sub> ) - Core:
1.439	Index of Refraction (n <sub>2</sub> ) - Cladding:
190 - 1250	Wavelength Range (nm):
±0.02	Numerical Aperture (NA) Tolerance:
<b>Material Properties</b>	
Polyimide	Buffer Material:
<b>Environmental &amp; Durability Factors</b>	
-190 to +390	Operating Temperature (°C):
<b>Regulatory Compliance</b>	
<a href="#">Compliant</a>	RoHS 2015:
<a href="#">Compliant</a>	Reach 209:
<a href="#">View</a>	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

