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## 400µm 0.22 NA UV/VIS Fiber, 25m Length



Stock **#57-075** [CONTACT US](#)

- 1 + €560<sup>00</sup>

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### Volume Pricing

Qty 1-4	€560,00 each
Qty 5-24	€496,00 each
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**!** Prices shown are exclusive of VAT/local taxes

### Product Downloads

### General

**Note:**

Fiber ends are not polished.

### Physical & Mechanical Properties

440 ±8.8      Cladding Diameter (µm):

88/44 (Continuous/Momentary)	<b>Minimum Bend Radius (mm):</b>
25.00	<b>Length (m):</b>
480 ±10	<b>Outer Diameter (µm):</b>
400 ±8	<b>Core Diameter (µm):</b>
<b>Optical Properties</b>	
25.4	<b>Acceptance Angle (°):</b>
UVMS	<b>Coating:</b>
Fused Silica	<b>Substrate:</b> <input type="checkbox"/>
0.22	<b>Numerical Aperture NA:</b>
1.457	<b>Index of Refraction (n<sub>1</sub>) - Core:</b>
1.439	<b>Index of Refraction (n<sub>1</sub>) - Cladding:</b>
190 - 1250	<b>Wavelength Range (nm):</b>
±0.02	<b>Numerical Aperture (NA) Tolerance:</b>
<b>Material Properties</b>	
Polyimide	<b>Buffer Material:</b>
<b>Environmental &amp; Durability Factors</b>	
-190 to +390	<b>Operating Temperature (°C):</b>
<b>Regulatory Compliance</b>	
<a href="#">Compliant</a>	<b>RoHS 2015:</b>
<a href="#">Compliant</a>	<b>Reach 209:</b>
<a href="#">View</a>	<b>Certificate of Conformance:</b>

## 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 UVMS or VIS/NIR Fibers in 10 and 25m lengths, from 50 to 600µm.

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

## Technical Information

