

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



Stock #57-091 **20+ In Stock**

- 1 + A\$174<sup>00</sup>

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Volume Pricing	
Qty 1-4	A\$174.40 each
Qty 5-24	A\$154.40 each
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### Product Downloads

### General

**Note:**

Fiber ends are not polished.

### Physical & Mechanical Properties

110 ±3 **Cladding Diameter (µm):**

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

25.00	Length (m):
124 ±3	Outer Diameter (µm):
100 ±3	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	
<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

