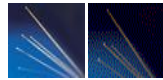


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400µm 0.22 NA VIS/NIR Fiber, 25m Length



Stock **#57-093** **1 In Stock**

- 1 + €575⁰⁰

ADD TO CART

Volume Pricing

| | |
|------------|-------------------------------|
| Qty 1-4 | €575,00 each |
| Qty 5-24 | €510,00 each |
| Need More? | Request Quote |

ⓘ 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) | Minimum Bend Radius (mm): |
| 25.00 | Length (m): |
| 480 ±5 | Outer Diameter (µm): |
| 400 ±8 | 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 (n₁) - Core: |
| 1.440 | Index of Refraction (n₁) - 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

