

600µm 0.22 NA UV/VIS Fiber, 10m Length



Stock **#57-070** CLEARANCE **4 In Stock**

⊖ 1 ⊕ **S\$632⁰⁰**

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Qty 1+	S\$632.80 each
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General

Note:
Fiber ends are not polished.

Physical & Mechanical Properties

Cladding Diameter (µm):
660 ±13.2

Minimum Bend Radius (mm):
132/66 (Continuous/Momentary)

Length (m):

10.00

Outer Diameter (μm):

710 \pm 15

Core Diameter (μm):

600 \pm 12

Optical Properties

Acceptance Angle ($^\circ$):

25.4

Coating:

UV/MS

Substrate:

Fused Silica

Numerical Aperture NA:

0.22

Index of Refraction (n_d) - Core:

1.457

Index of Refraction (n_d) - Cladding:

1.439

Wavelength Range (nm):

190 - 1250

Numerical Aperture (NA) Tolerance:

\pm 0.02

Material Properties

Buffer Material:

Polyimide

Environmental & Durability Factors

Operating Temperature ($^\circ\text{C}$):

-190 to +390

Regulatory Compliance

RoHS 2015:

Compliant

Reach 209:

Compliant

Certificate of Conformance:

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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 50 μm – 600 μm 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 600 μm .

Note: Fiber ends are not polished.

Technical Information



