

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



Stock #57-070 CLEARANCE 3 In Stock

1

C\$485^{.93}

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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 ±15
Core Diameter (µm):	600 ±12		

Optical Properties

Acceptance Angle (°):	25.4	Coating:	UV/VIS
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:	±0.02

Material Properties

Buffer Material:	Polyimide
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Environmental & Durability Factors

Operating Temperature (°C):	-190 to +390
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Regulatory Compliance

RoHS 2015:	Compliant	Reach 209:	Compliant
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Product Details

UV/VIS Optical Fibers

- High OH Content
- Fused Silica Core
- Stepped Index
- Multimode Fiber

VIS/NIR Optical Fibers

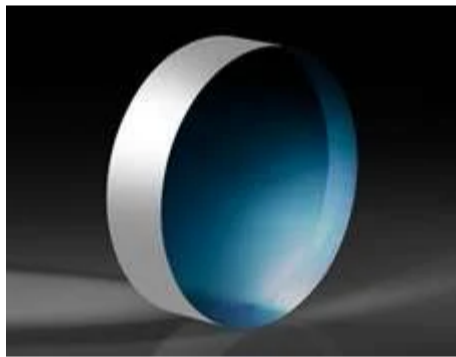
- Low OH Content
- Ideal for Use with NIR Diode Lasers
- Fused Silica Core
- Stepped Multimode Fiber

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 μ m – 600 μ m 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/VIS or VIS/NIR Fibers in 10 and 25m lengths, from 50 to 600 μ m.

Note: Fiber ends are not polished.

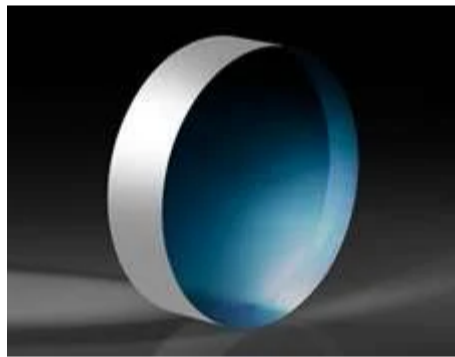
Technical Information

Frequently Purchased Together



#45-570 - 40mm Dia. 4mm Thick Uncoated, 1 λ Fused Silica Window
C\$151.20

Qty



#47-230 - 50mm Dia. 4mm Thick Uncoated, 1 λ Fused Silica Window
C\$184.80

Qty



#47-270 - 5.0mm Diameter, N-BK7 Half-Ball Lens
C\$78.40

Qty



#47-983 - 25.0mm Dia. 193nm 45°, Excimer Laser Line Mirror
C\$497.00

Qty



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jacketed and...

What is the
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