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400µm 0.22 NA VIS/NIR Fiber, 10m Length



Stock #57-087 CLEARANCE 3 In Stock

MRP ₹24,532

● Price inclusive of all taxes

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Volume Pricing	
Qty 1-4	₹24,532 each
Qty 5+	₹21,665 each
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General

Note:

Fiber ends are not polished.

Physical & Mechanical Properties

Cladding Diameter (µm):
440 ±8.8

Minimum Bend Radius (mm):

88/44 (Continuous/Momentary)

10.00 Length (m):

480 ±5 Outer Diameter (µm):

400 ±8 Core Diameter (µm):

Optical Properties

25.4 Acceptance Angle (°):

VIS/NIR Coating:

Fused Silica Substrate: □

0.22 Numerical Aperture NA:

1.457 Index of Refraction (n_d) - Core:

1.440 Index of Refraction (n_d) - 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:

United States Country of Origin:

Imported By:

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

Note: Fiber ends are not polished.

Technical Information

