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



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MRP ₹11,576

Price inclusive of all taxes

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Volume Pricing	
Qty 1-4	₹11,576 each
Qty 5-24	₹10,248 each
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General

Note:
Fiber ends are not polished.

Physical & Mechanical Properties

Cladding Diameter (µm):
110 ±3

Minimum Bend Radius (mm):

22/11 (Continuous/Momentary)

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: □

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:
Edmund Optics India Private Limited
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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/MS or VIS/NIR Fibers in 10 and 25m lengths, from 50 to 600µm.

Note: Fiber ends are not polished.

Technical Information

