

# 10X Water Immersion Objective, Nikon CFI60 Plan Fluor

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€2.905<sup>00</sup>

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| General                                                        |               |
|----------------------------------------------------------------|---------------|
| MRH07120                                                       | Model Number: |
| Compatible Tube Lens Focal Length (mm):<br>Focal Length: 200mm |               |
| Microscope Objective                                           | Type:         |
| Infinity Corrected                                             | Style:        |

|                                  |                                        |
|----------------------------------|----------------------------------------|
| Nikon                            | Manufacturer:                          |
| Physical & Mechanical Properties |                                        |
| 2.5                              | Field of View (mm):                    |
| 56.90                            | Length excluding Threads (mm):         |
| 28                               | Maximum Diameter (mm):                 |
| 110                              | Weight (g):                            |
| Optical Properties               |                                        |
| N/A                              | Compatible Cover Glass Thickness (mm): |
| 0.64                             | Horizontal Field of View, 1/2" Sensor: |
| 0.88                             | Horizontal Field of View, 2/3" Sensor: |
| 10X                              | Magnification:                         |
| 0.30                             | Numerical Aperture NA:                 |
| 3.5                              | Working Distance (mm):                 |
| 25                               | Field Number (mm):                     |
| 60.5                             | Parfocal Length (mm):                  |
| Water                            | Immersion Liquid:                      |
| Sensor                           |                                        |
| 2/3"                             | Maximum Sensor Format:                 |
| Threading & Mounting             |                                        |
| M25 x0.75                        | Mounting Threads:                      |
| Regulatory Compliance            |                                        |
| <a href="#">View</a>             | Certificate of Conformance:            |

## Product Details

- Water Dipping Design for Live Imaging
- Optimized for Infrared (IR) and Multiphoton Microscopy
- High NA for Superior Resolution

Nikon CFI60 Water Dipping Objectives design allows direct immersion into aqueous samples, reducing optical aberrations and enabling high-resolution, live imaging of thick specimens. These objectives are designed with high numerical apertures and long working distances and are available in a variety of magnifications. Featuring M25 x0.75 mounting threads, these objectives can be easily integrated into existing microscopy systems. Nikon CFI60 Water Dipping Objectives enable high-resolution, low-aberration imaging deep within living tissues by efficiently transmitting infrared light and correcting optical distortions specific to multiphoton and IR microscopy.