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# 100X Water Immersion Objective, Nikon CFI60 Plan

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## Product Downloads

### General

MRL07920 **Model Number:**

**Compatible Tube Lens Focal Length (mm):**  
Focal Length: 200mm

Microscope Objective **Type:**

Infinity Corrected **Style:**

Nikon

Manufacturer:

## Physical & Mechanical Properties

0.22 Field of View (mm):

57.30 Length excluding Threads (mm):

35.5 Maximum Diameter (mm):

225 Weight (g):

## Optical Properties

N/A Compatible Cover Glass Thickness (mm):

0.064 Horizontal Field of View, 1/2" Sensor:

0.088 Horizontal Field of View, 2/3" Sensor:

100X Magnification:

1.10 Numerical Aperture NA:

2.5 Working Distance (mm):

22 Field Number (mm):

60.5 Parfocal Length (mm):

Water Immersion Liquid:

## Sensor

2/3" Maximum Sensor Format:

## Threading & Mounting

M25 x 0.75 Mounting Threads:

## Regulatory Compliance

[View](#) 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 x 0.75 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.

## Technical Information

