

10X Water Immersion Objective, Nikon CFI60 Plan Fluor

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General

Model Number:
MRH07120

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

Type:
Microscope Objective

Style:
Infinity Corrected

Manufacturer:
Nikon

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 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.