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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

Field of View (mm):

2.5

Length excluding Threads (mm):

56.90

Maximum Diameter (mm):

28

Weight (g):

110

Optical Properties

Compatible Cover Glass Thickness (mm):

N/A

Horizontal Field of View, 1/2" Sensor:

0.64

Horizontal Field of View, 2/3" Sensor:

0.88

Magnification:

10X

Numerical Aperture NA:

0.30

Working Distance (mm):

3.5

Field Number (mm):

25

Parfocal Length (mm):

60.5

Immersion Liquid:

Water

Sensor

Maximum Sensor Format:

2/3"

Threading & Mounting

Mounting Threads:

M25 x 0.75

Regulatory Compliance

Certificate of Conformance:

[View](#)

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

