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40X Water Immersion Objective, Nikon CFI60 Apo NIR

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⊖ 1 ⊕ €3.365⁰⁰

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General

MRD07420 **Model Number:**

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

Microscope Objective **Type:**

Infinity Corrected **Style:**

Nikon

Manufacturer:

Physical & Mechanical Properties

0.55 Field of View (mm):

58.50 Length excluding Threads (mm):

29 Maximum Diameter (mm):

120 Weight (g):

Optical Properties

N/A Compatible Cover Glass Thickness (mm):

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

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

40X Magnification:

0.80 Numerical Aperture NA:

3.5 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

