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40X Water Immersion Objective, Nikon CFI60 Apo NIR

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€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 x0.75	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 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.