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60X Water Immersion Objective, Nikon CFI60 Apo NIR

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General

Model Number:
MRD07620

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

Type:
Microscope Objective

Style:
Infinity Corrected

Manufacturer:

Nikon

Physical & Mechanical Properties

Field of View (mm):
0.367

Length excluding Threads (mm):
58.50

Maximum Diameter (mm):
28

Weight (g):
125

Optical Properties

Compatible Cover Glass Thickness (mm):
N/A

Horizontal Field of View, 1/2" Sensor:
0.107

Horizontal Field of View, 2/3" Sensor:
0.147

Magnification:
60X

Numerical Aperture NA:
1.00

Working Distance (mm):
2.8

Field Number (mm):
22

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

Country of Origin:
Japan

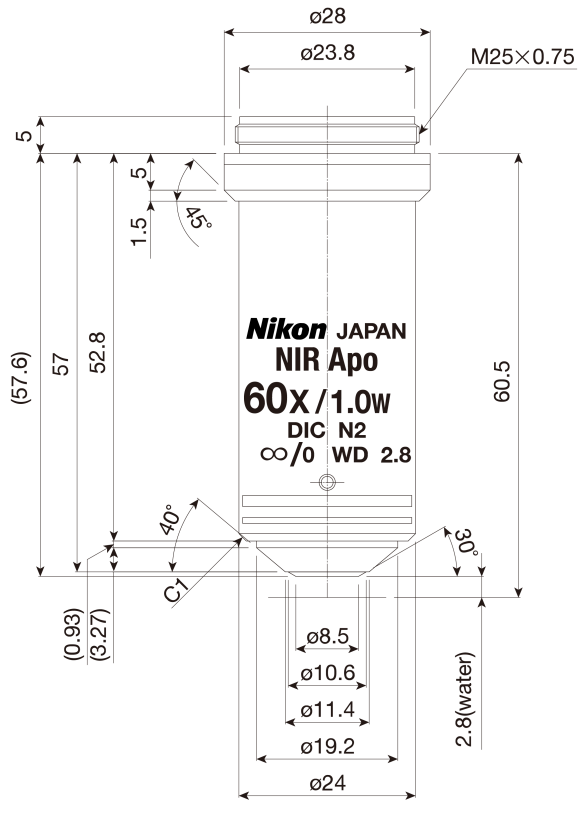
Imported By:
Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
Phone: +91- 80-6845 0000

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


ø28
ø23.8
M25×0.75
5
5
1.5
45°
Nikon JAPAN
NIR Apo
60X/1.0W
DIC N2
∞/0 WD 2.8
(57.6)
57
52.8
60.5
40°
30°
C1
(0.93)
(3.27)
ø8.5
ø10.6
ø11.4
ø19.2
ø24
2.8(water)

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