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20X Objective, Nikon CFI S Plan Fluor LWD

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General

Model Number:
MRH08250

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

Type:
Microscope Objective

Style:
Infinity Corrected

Manufacturer:

Nikon

Physical & Mechanical Properties

Field of View (mm):
1.25

Length excluding Threads (mm):
57.49

Maximum Diameter (mm):
38

Weight (g):
280

Optical Properties

Compatible Cover Glass Thickness (mm):
0-1.8

Horizontal Field of View, 1/2" Sensor:
0.32

Horizontal Field of View, 2/3" Sensor:
0.44

Magnification:
20X

Numerical Aperture NA:
0.70

Working Distance (mm):
1.3 - 2.3

Field Number (mm):
25

Parfocal Length (mm):
60.45

Immersion Liquid:
N/A

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
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Product Details

- Long Working Distance (LWD)
- Optimized for Fluorescence Microscopy
- Ideal for Stem Cell and Drug Design Applications

Nikon CFI S Plan Fluor LWD Objectives are plastic-compatible high-resolution, large-FOV objectives designed with long working distances. These objectives provide a safe, clear image of thick samples and culture vessels without compromising optical performance. Featuring a 0.70 numerical aperture, these objectives deliver bright, high-contrast images for precise visualization of fluorescent signals. Nikon CFI S Plan Fluor LWD Objectives are optimized for fluorescence and feature a correction ring to compensate for cover glass thickness of 0 to 1.8mm. These objectives are ideal for live-cell imaging, stem cell tracking, and high-throughput drug screening workflows.

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