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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:
InfinityCorrected

Manufacturer:

Nikon

Physical & Mechanical Properties

1.25 **Field of View (mm):**

57.49 **Length excluding Threads (mm):**

38 **Maximum Diameter (mm):**

280 **Weight (g):**

Optical Properties

0-1.8 **Compatible Cover Glass Thickness (mm):**

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

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

20X **Magnification:**

0.70 **Numerical Aperture NA:**

1.3 - 2.3 **Working Distance (mm):**

25 **Field Number (mm):**

60.45 **Parfocal Length (mm):**

N/A **Immersion Liquid:**

Sensor

2/3" **Maximum Sensor Format:**

Threading & Mounting

M25 x 0.75 **Mounting Threads:**

Regulatory Compliance

[View](#) **Certificate of Conformance:**

Japan **Country of Origin:**

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.

Technical Information

