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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](#)

## 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

