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## 50X Oil Immersion Objective, CFI Plan Achromatic

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### General

Model Number:  
MRL01502

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

Type:  
Microscope Objective

Style:  
Infinity Corrected

Manufacturer:  
Nikon

## Physical & Mechanical Properties

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

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

27.5 **Maximum Diameter (mm):**

165 **Weight (g):**

## Optical Properties

0-0.17 **Compatible Cover Glass Thickness (mm):**

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

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

50X **Magnification:**

0.90 **Numerical Aperture NA:**

0.35 **Working Distance (mm):**

22 **Field Number (mm):**

60.02 **Parfocal Length (mm):**

Oil **Immersion Liquid:**

## Sensor

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

## Threading & Mounting

M25 x 0.75 **Mounting Threads:**

## Regulatory Compliance

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

## Product Details

- Exceptional Flat-Field Imaging
- High Numerical Apertures and Oil Immersion Options Available
- Wide Magnification Range (1X to 100X)

Nikon's CFI Plan Achromat Objectives deliver exceptional flat-field imaging ensuring sharp, distortion-free clarity across the entire field of view, making these objectives ideal for both visual inspection and high-precision digital imaging. With high numerical apertures and specialized oil immersion options available, these objectives offer enhanced resolution and light-gathering capability for demanding high-magnification applications. Nikon CFI Plan Achromat Objectives are available in 1X up to 100X magnification, providing solutions for low-magnification overviews or detailed high-resolution imaging. Color corrected for the entire visible spectrum; these objectives are suitable for brightfield and fluorescence observation in routine lab work and photomicrography.