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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:**  
InfinityCorrected

**Manufacturer:**

**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.

**Technical Information**

