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50X Oil Immersion Objective, CFI Plan Achromatic

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General

MRL01502 **Model Number:**

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

Microscope Objective **Type:**

Infinity Corrected **Style:**

Nikon

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.