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## 40X Objective, CFI Plan Achromatic

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#### General

Model Number:  
MRL00402

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

Type:  
Microscope Objective

Style:  
Infinity Corrected

Manufacturer:  
Nikon

## Physical & Mechanical Properties

Field of View (mm):

0.55

Length excluding Threads (mm):

59.33

Maximum Diameter (mm):

27

Weight (g):

120

## Optical Properties

Compatible Cover Glass Thickness (mm):

0.17

Horizontal Field of View, 1/2" Sensor:

0.025

Horizontal Field of View, 2/3" Sensor:

0.22

Magnification:

40X

Numerical Aperture NA:

0.65

Working Distance (mm):

0.56

Field Number (mm):

22

Parfocal Length (mm):

59.89

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

- 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

