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10X Objective, CFI Plan Achromatic

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⊖ 1 ⊕ A\$502⁰⁰

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General

Model Number:
MRL00102

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

Type:
Microscope Objective

Style:
Infinity Corrected

Manufacturer:
Nikon

Physical & Mechanical Properties

Field of View (mm):

2.2

Length excluding Threads (mm):

49.40

Maximum Diameter (mm):

27

Weight (g):

90

Optical Properties

Compatible Cover Glass Thickness (mm):

N/A

Horizontal Field of View, 1/2" Sensor:

0.64

Horizontal Field of View, 2/3" Sensor:

0.88

Magnification:

10X

Numerical Aperture NA:

0.25

Working Distance (mm):

10.5

Field Number (mm):

22

Parfocal Length (mm):

59.9

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

