

1X Objective, CFI Plan Achromatic UW

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General

Model Number:
MRL00012

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

Type:
Microscope Objective

Style:
InfinityCorrected

Manufacturer:

Physical & Mechanical Properties

Field of View (mm):

25

Length excluding Threads (mm):

56.70

Maximum Diameter (mm):

31

Weight (g):

190

Optical Properties

Compatible Cover Glass Thickness (mm):

N/A

Horizontal Field of View, 1/2" Sensor:

6.4

Horizontal Field of View, 2/3" Sensor:

8.8

Magnification:

1X

Numerical Aperture NA:

0.04

Working Distance (mm):

3.2

Field Number (mm):

25

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

