See all 13 Products in Family

100X Oil Immersion Objective, CFI Plan Achromatic

See More by Nikon

Stock #75-358 NEW 1 In Stock

- 1 + €1.085,00

ADD TO CART

Volume Pricing	
Qty 1+	**€1.085,00** each
Need More?	Request Quote

Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Model Number:
MRL01903

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

Type:
Microscope Objective

Style:
Infinity Corrected

Manufacturer:	Nikon

Physical & Mechanical Properties

Field of View (mm):	0.22
Length excluding Threads (mm):	59.67
Maximum Diameter (mm):	27.5
Weight (g):	170

Optical Properties

Compatible Cover Glass Thickness (mm):	0.17
Horizontal Field of View, 1/2" Sensor:	0.064
Horizontal Field of View, 2/3" Sensor:	0.088
Magnification:	100X
Numerical Aperture NA:	1.25
Working Distance (mm):	0.2
Field Number (mm):	22
Parfocal Length (mm):	59.87
Immersion Liquid:	Oil

Sensor

Maximum Sensor Format:	2/3"

Threading & Mounting

Mounting Threads:	M25 x 0.75

Regulatory Compliance

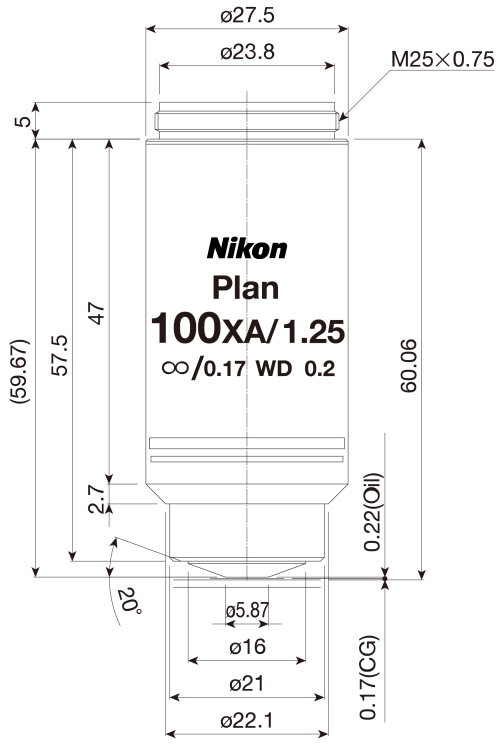
Certificate of Conformance:	View

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


ø27.5
ø23.8
M25×0.75
5
Nikon
Plan
100XA/1.25
∞/0.17 WD 0.2
(59.67)
57.5
47
60.06
2.7
0.22(Oil)
20°
ø5.87
ø16
ø21
ø22.1
0.17(CG)
;