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100X Oil Immersion Objective, CFI Plan Achromatic

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A\$1,736⁰⁰

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General	
Model Number:	
MRL01903	
Compatible Tube Lens Focal Length (mm):	
Focal Length: 200mm	
Type:	
Microscope Objective	
Style:	
Infinity Corrected	
Manufacturer:	
Nikon	

Physical & Mechanical Properties

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

Optical Properties

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

Sensor

2/3"	Maximum Sensor Format:
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Threading & Mounting

M25 x0.75	Mounting Threads:
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Regulatory Compliance

View	Certificate of Conformance:
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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.