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# 10X Nikon Achromatic Finite Conjugate Objective

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**General**

MSB50100	<b>Model Number:</b>
Achromatic	<b>Type:</b>
Finite Conjugate	<b>Style:</b>
Nikon	<b>Manufacturer:</b>

**Physical & Mechanical Properties**

1.80 **Field of View (mm):**

## Optical Properties

16.60 **Effective Focal Length EFL (mm):**

10X **Magnification:**

0.25 **Numerical Aperture NA:**

1.1 **Resolving Power ( $\mu\text{m}$ ):**

1.10 **Depth of Field ( $\mu\text{m}$ ):**

5.6 **Working Distance (mm):**

18 **Field Number (mm):**

N/A **Immersion Liquid:**

## Sensor

2/3" **Maximum Sensor Format:**

## Threading & Mounting

RMS / 20.32mm x 36 TPI **Mounting Threads:**

## Regulatory Compliance

[Compliant](#) **RoHS 2015:**

[View](#) **Certificate of Conformance:**

## Product Details

- Achromatic Design
- Standard RMS Thread
- Compatible with all DIN Standard Accessories
- Spring Loaded Heads on 40X and 60X

These Nikon Achromatic Finite Conjugate Objectives are excellent for simple high power imaging systems. These objectives do not require a tube lens to be interfaced with an eyepiece or camera, although using our [single tube DIN Microscope](#) permits a camera or eyepiece to be directly attached to the objective. These objectives feature RMS threading for quick and easy integration with existing systems, making these objectives ideal for any application requiring a high performance to cost ratio. Nikon Achromatic Finite Conjugate Objectives have an achromatic design and are available in four magnifications: 4X, 10X, 40X, and 60X. The 40X and 60X feature spring loaded heads.