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## 50X Objective, Nikon MTI LE Plan BF

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### General

**Model Number:**  
MUD00505

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

**Type:**  
Microscope Objective

**Style:**  
Infinity Corrected

**Manufacturer:**

## Optical Properties

50X **Magnification:**

0.75 **Numerical Aperture NA:**

0.32 **Depth of Field (µm):**

0.5 **Working Distance (mm):**

22 **Field Number (mm):**

60 **Parfocal Length (mm):**

## Threading & Mounting

M25x0.75 **Mounting Threads:**

## Regulatory Compliance

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

## Product Details

- High NA
- Long Working Distance
- Parfocal Distance of 60mm For Clear Images

Nikon CF160 LE Plan EPI Brightfield Infinity Corrected Objectives are designed for Nikon's CF160 system, a proprietary optical system combining infinity optics with the superior performance of the CF optical system. Featuring a parfocal distance of 60mm, these objectives have long working distances while maintaining a high numerical aperture, and producing clear images with high contrast and resolution. Various magnification options are available, ranging from 5X to 50X. Nikon CF160 LE Plan EPI Brightfield Infinity Corrected Objectives are ideal for industrial microscopy applications such as technical cleanliness, steel quality rating, and metallography.