

# 10X Mitutoyo Plan Apo NIR Infinity Corrected Objective

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10XMitutoyo Plan Apo NIR Infinity Corrected Objective, #46-403

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Compatible Cover Glass Thickness (mm):  
N/A

Design Wavelength DWL (nm):  
532, 1064

Horizontal Field of View, 1/2" Sensor:  
0.64mm

Horizontal Field of View, 2/3" Sensor:  
0.88mm

|                                                                                               |
|-----------------------------------------------------------------------------------------------|
| <b>Focal Length FL (mm):</b><br>20.00                                                         |
| <b>Model Number:</b><br>378-823-15                                                            |
| <b>Length excluding Threads (mm):</b><br>64.50                                                |
| <b>Magnification:</b><br>10X                                                                  |
| <b>Maximum Diameter (mm):</b><br>34                                                           |
| <b>Maximum Sensor Format:</b><br>2/3"                                                         |
| <b>Numerical Aperture NA:</b><br>0.26                                                         |
| <b>Mounting Threads:</b><br>M26 x 36 TPI                                                      |
| <b>Compatible Tube Lens Focal Length (mm):</b><br>Focal Length: 200mm                         |
| <b>Type:</b><br>Microscope Objective                                                          |
| <b>Resolving Power (μm):</b><br>1.1                                                           |
| <b>Depth of Field (μm):</b><br>4.10                                                           |
| <b>Field of View, 24 Diameter Field Eyepiece (mm):</b><br>2.4                                 |
| <b>Field of View, 18 Diameter Field Eyepiece (mm):</b><br>1.8                                 |
| <b>Operating Temperature (°C):</b><br>-5 to +45                                               |
| <b>Operating Humidity:</b><br>20 - 80%                                                        |
| <b>Working Distance (mm):</b><br>30.5                                                         |
| <b>Weight (g):</b><br>250.00                                                                  |
| <b>Note:</b><br>Example Application: cutting and trimming of semiconductor wafer and circuits |
| <b>Wavelength Range (nm):</b><br>480 - 1800                                                   |
| <b>Style:</b><br>Infinity Corrected                                                           |
| <b>Manufacturer:</b><br>Mitutoyo                                                              |
| <b>Parfocal Length (mm):</b><br>95                                                            |
| <b>Immersion Liquid:</b><br>N/A                                                               |

## Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Exempt</a>                |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |
| <b>Reach 240:</b><br><a href="#">Contains SVHC(s)</a>      |