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# Olympus UCPLFLN20X2 20X Objective

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## Product Downloads

### General

UCPLFLN20X2 **Model Number:**

**Compatible Tube Lens Focal Length (mm):**  
Focal Length: 180mm

Microscope Objective **Type:**

Infinity Corrected **Style:**

**Manufacturer:**

## Physical & Mechanical Properties

Field of View (mm):

1.33

Length excluding Threads (mm):

43.15

Maximum Diameter (mm):

31.50

Weight (g):

158

## Optical Properties

Compatible Cover Glass Thickness (mm):

0.00 - 1.60

Focal Length FL (mm):

9.00

Magnification:

20X

Numerical Aperture NA:

0.70

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

0.48

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

0.56

Working Distance (mm):

0.80 - 1.80

Wavelength Range (nm):

340 - 1000

Field Number (mm):

26.5

Parfocal Length (mm):

45

Immersion Liquid:

N/A

Entrance Pupil Diameter (mm):

12.60

## Threading & Mounting

Mounting Threads:

RMS / 20.32mm x 36 TPI

## Regulatory Compliance

RoHS 2015:

[Exempt](#)

Certificate of Conformance:

[View](#)

Reach 247:

[Contains SVHC\(s\)](#)

Country of Origin:

Japan

Imported By:

Edmund Optics India Private Limited  
267, Greystone Building, Second Floor,  
6th Cross Rd, Binnamangala,  
Stage 1, Indiranagar, Bengaluru,  
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## Product Details

- Long Working Distances to Image Through Dishes, Bottles, or Slides
- Correction Collars to Precisely Adjust Working Distance
- Ideal for Inverted Microscope Configurations

Olympus Long Working Distance Plan Semi Achromatic Objectives are designed for long working distances to image samples through dishes, bottles, slides, or other vessels. These objectives feature correction collars to precisely adjust the working distance based on thickness of the vessel to obtain clear specimen images. They offer a large field number of 26.5, transmission from the UV to the NIR, and correct for chromatic aberration at blue, green and red wavelengths. Olympus Long Working Distance Plan Semi Achromatic Objectives are ideal for use with inverted microscope configurations, including standard microscopes or custom inverted setups.