

## Olympus PLAPON 2X Objective

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#### General

PLAPON2X **Model Number:**

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

Microscope Objective **Type:**

Infinity Corrected **Style:**

Olympus

Manufacturer:

## Physical & Mechanical Properties

13.25 Field of View (mm):

38.70 Length excluding Threads (mm):

28 Maximum Diameter (mm):

118 Weight (g):

## Optical Properties

N/A Compatible Cover Glass Thickness (mm):

90.00 Focal Length FL (mm):

2X Magnification:

0.08 Numerical Aperture NA:

4.19375 Resolving Power ( $\mu\text{m}$ ):

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

6.2 Working Distance (mm):

26.5 Field Number (mm):

45 Parfocal Length (mm):

N/A Immersion Liquid:

14.40 Entrance Pupil Diameter (mm):

## Threading & Mounting

RMS / 20.32mm x 36 TPI Mounting Threads:

## Regulatory Compliance

[Exempt](#) RoHS 2015:

[View](#) Certificate of Conformance:

## Product Details

- Apochromatic Correction for Improved Resolution and Brightness
- Large Field of View Sampling
- Available in 1.25X and 2X Magnification

Olympus PLAPON Plan Apochromatic Objectives feature apochromatic correction ensuring excellent image quality across the visible spectrum (435–656nm), with enhanced performance at violet and blue wavelengths for improved resolution. These objectives deliver a wide-area overview with a field number of 26.5, enabling rapid specimen scanning and efficient navigation. Olympus PLAPON Apochromatic Objectives are ideal for fluorescence applications using common fluorophores such as DAPI, BFP, and GFP. Available in 1.25X and 2X magnifications, these objectives provide flexibility for quickly identifying regions of interest before switching to higher-magnification objectives for more detailed analysis.