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# Olympus PLAPON 1.25X Objective

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## Product Downloads

### General

**Model Number:**  
PLAPON1.25X

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

**Type:**  
Microscope Objective

**Style:**  
Infinity Corrected

**Manufacturer:**  
Olympus

## Physical & Mechanical Properties

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

39.76 **Length excluding Threads (mm):**

28 **Maximum Diameter (mm):**

146 **Weight (g):**

## Optical Properties

N/A **Compatible Cover Glass Thickness (mm):**

144.00 **Focal Length FL (mm):**

1.25X **Magnification:**

0.04 **Numerical Aperture NA:**

8.3875 **Resolving Power ( $\mu\text{m}$ ):**

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

5 **Working Distance (mm):**

26.5 **Field Number (mm):**

45 **Parfocal Length (mm):**

N/A **Immersion Liquid:**

## 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.