

# Olympus PLN 10X Objective

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#86-813

Stock **#86-813** 3-5 DAYS

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## SPECIFICATIONS

### General

**Model Number:**  
1-U2B223

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

**Type:**

## Microscope Objective

**Style:**  
Infinity Corrected

**Manufacturer:**  
Olympus

## Physical & Mechanical Properties

**Field of View (mm):**  
2.2

**Length excluding Threads (mm):**  
34.30

**Maximum Diameter (mm):**  
24

**Weight (g):**  
80.1

## Optical Properties

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

**Focal Length FL (mm):**  
18.00

**Magnification:**  
10X

**Numerical Aperture NA:**  
0.25

**Resolving Power ( $\mu\text{m}$ ):**  
1.34

**Depth of Field ( $\mu\text{m}$ ):**  
4.40

**Working Distance (mm):**  
10.6

**Field Number (mm):**  
22

**Parfocal Length (mm):**  
45

**Immersion Liquid:**  
N/A

**Depth of Focus ( $\mu\text{m}$ ):**  
440

## Threading & Mounting

**Mounting Threads:**  
RMS / 20.32mm x 36 TPI

## Regulatory Compliance

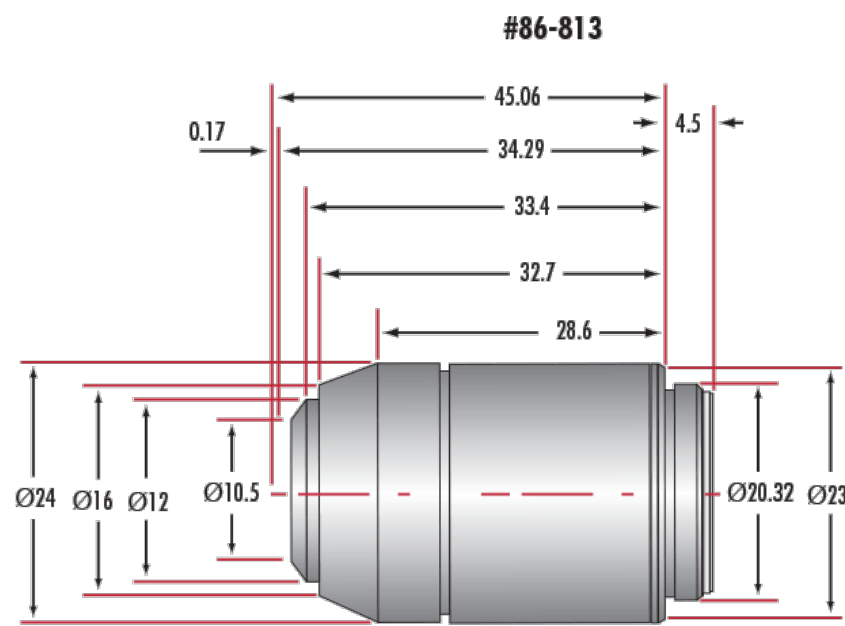
**Certificate of Conformance:**  
[View](#)

## PRODUCT DETAILS

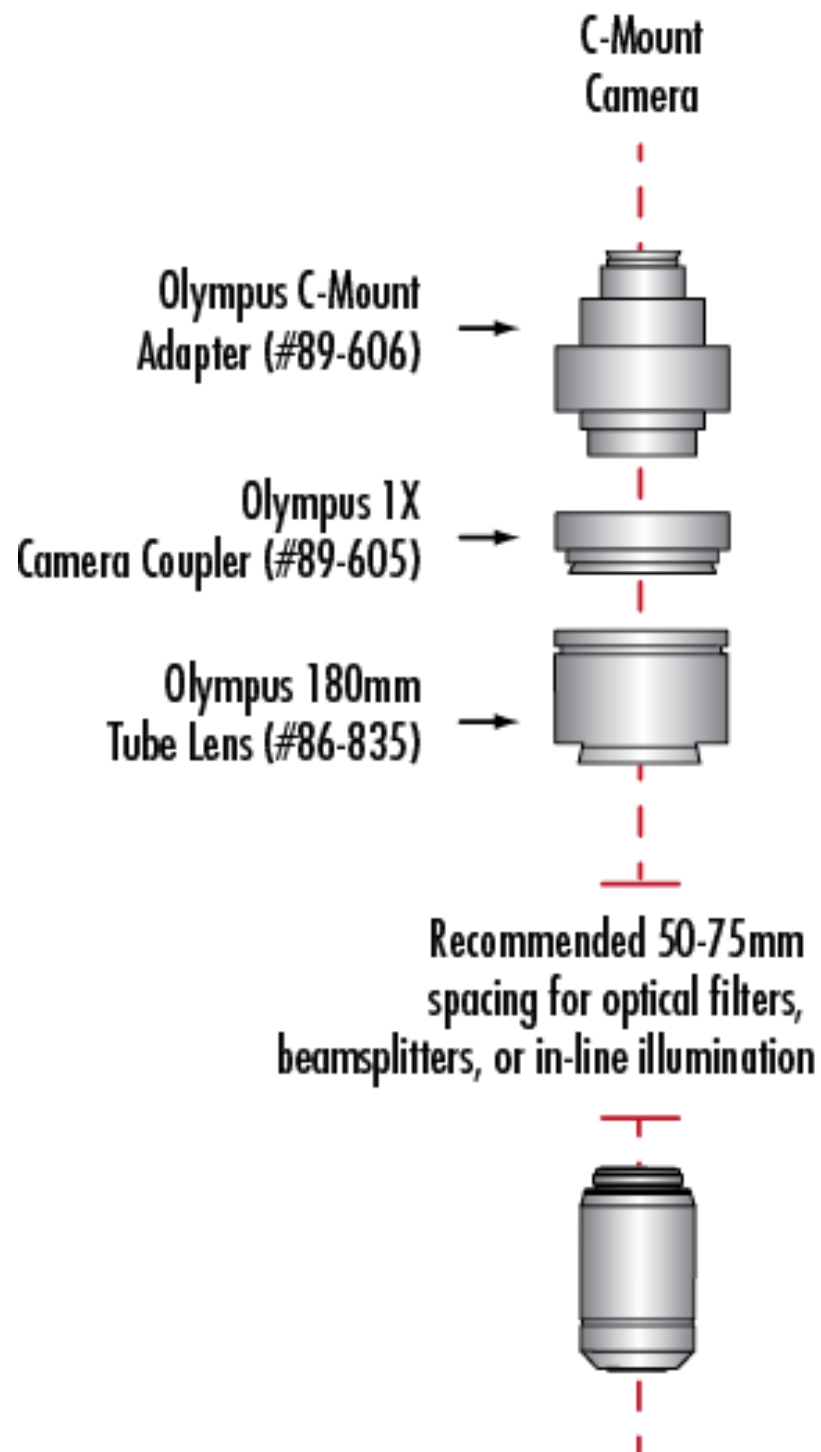
- Ideal for Brightfield, Darkfield, or Fluorescence Microscopy
- Excellent Price-to-Performance Ratio
- Suitable for Introductory and Advanced Optical Microscopy Applications
- Additional [Olympus Infinity Corrected Objectives](#) Available

Olympus Plan Achromatic Objectives are designed for clinical laboratory or examination applications. When using brightfield observation in a transmitted illumination system, Olympus Plan Achromatic Objectives provide excellent field flatness of up to F.N.22.

## TECHNICAL INFORMATION



## Using Olympus Objectives with C-Mount Cameras



	Stock #	A	B	C	D	E	F	G
PLN 2X	<a href="#">16-879</a>	39.1	3.4	0.0	16.8	16.8	24.0	4.5
PLN 4X	<a href="#">86-812</a>	26.4	4.4	0.0	15.8	15.8	24.0	4.5
PLN 10X	<a href="#">86-813</a>	34.3	4.1	1.6	10.5	16.0	24.0	4.5
PLN 20X	<a href="#">86-814</a>	43.7	4.2	2.4	6.1	15.6	24.0	4.8
PLN 40X	<a href="#">86-815</a>	44.3	4.2	3.0	7.5	15.6	24.0	4.5
PLN 100X	<a href="#">86-816</a>	44.7	4.2	2.5	6.6	15.6	24.0	4.5

