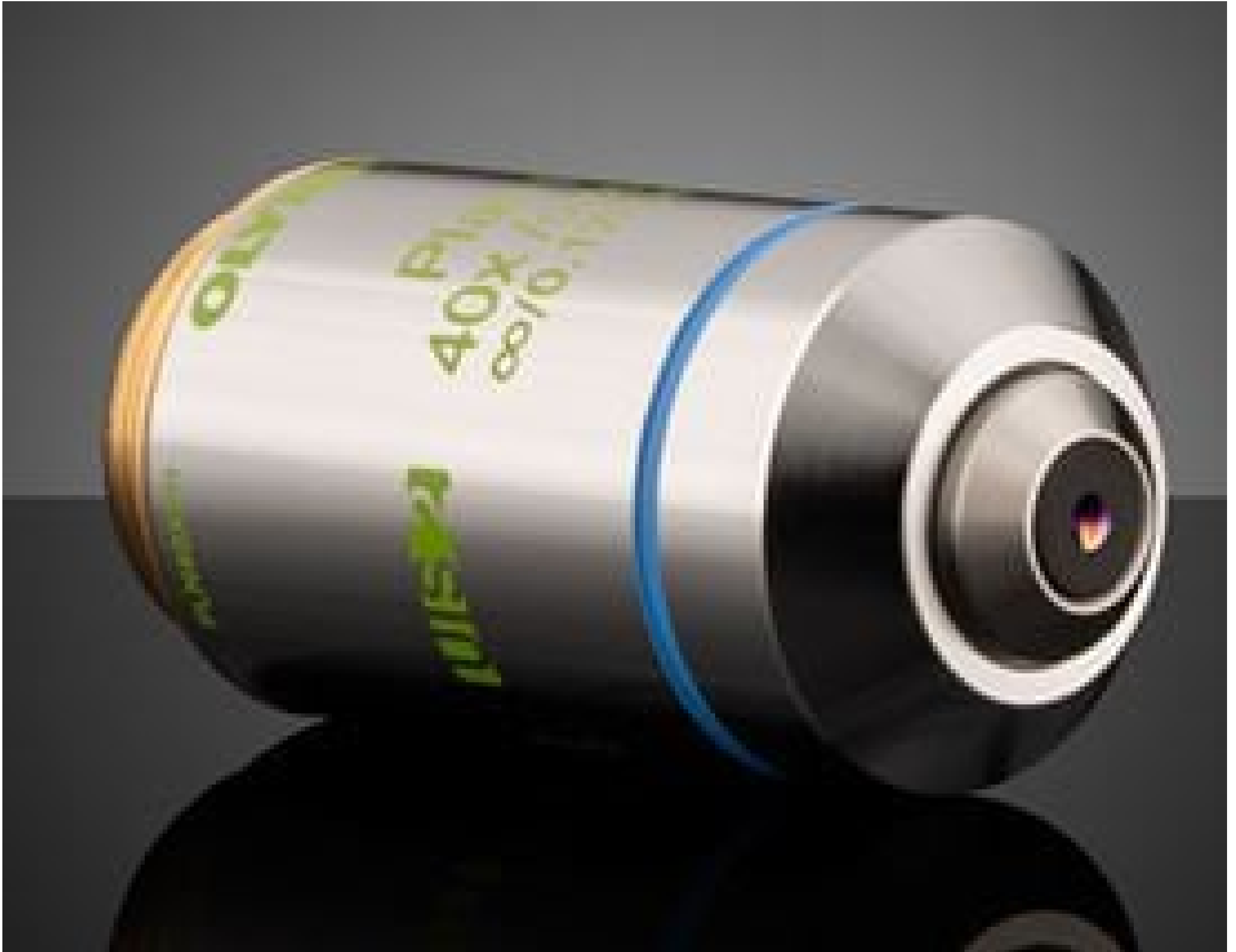


[See all 4 Products in Family](#)

## Olympus PLN 40X, Ph2, Phase Contrast Objective



Stock **#87-012** NEW **1 In Stock**

⊖ 1 ⊕ **S\$1,596<sup>00</sup>**

**ADD TO CART**

Volume Pricing	
Qty 1+	<b>S\$1,596.00</b> each
Need More?	<a href="#">Request Quote</a>

### Product Downloads

### General

PLN40XPH **Model Number:**

Microscope Objective **Type:**

Phase Contrast **Style:**

Olympus **Manufacturer:**

**Note:**  
Requires Ph2 phase annulus for phase contrast observation

## Physical & Mechanical Properties

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

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

24 **Maximum Diameter (mm):**

## Optical Properties

0.17 **Compatible Cover Glass Thickness (mm):**

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

40X **Magnification:**

0.65 **Numerical Aperture NA:**

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

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

0.6 **Working Distance (mm):**

22 **Field Number (mm):**

45 **Parfocal Length (mm):**

N/A **Immersion Liquid:**

1041 **Depth of Focus ( $\mu\text{m}$ ):**

5.85 **Entrance Pupil Diameter (mm):**

## Threading & Mounting

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

## Regulatory Compliance

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

## Product Details

- Flat-Field Plan Achromat Design for Sharp, Distortion-Free Images
- Precision Phase Ring Matching (Ph1, Ph2, Ph3) For Optimal Contrast
- Available In Multiple Magnifications (10X, 20X, 40X) Plus A 100X Oil Immersion Option
- Optimized For the UIS2 Optical System, Ensuring Seamless Integration with Olympus CX43

Olympus PLN Phase Contrast Objectives provide high-performance imaging for precise cellular analysis on the [Olympus CX43](#) microscope. These objectives are engineered for accurate phase contrast imaging across magnifications, offering excellent contrast and flat-field correction. Designed specifically for the UIS2 optical system, they deliver sharp, high-clarity images ideal for live, unstained specimens. Olympus PLN Phase Contrast Objectives, such as the 10X Ph1 ([#86-935](#)) and 100X Ph3 oil ([#87-013](#)), ensure reliable results across a wide range of biological applications. Their consistent quality and compatibility with standard Olympus phase contrast condensers make them a trusted choice for professional labs.