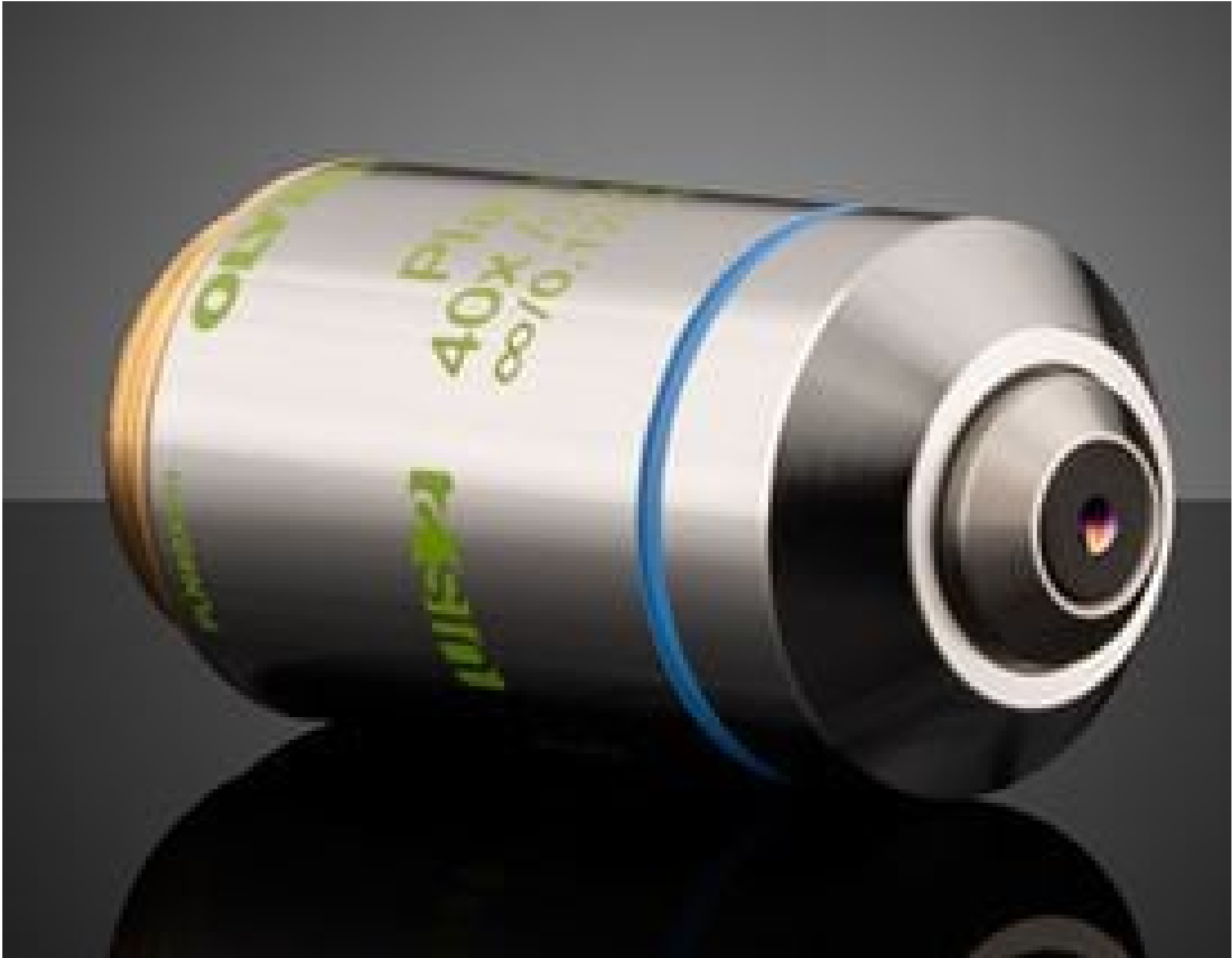


# Olympus PLN 40X, Ph2, Phase Contrast Objective



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

-

1

+

MRP ₹1,04,713

Price inclusive of all taxes

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1+         | ₹1,04,713 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 (μm):                  |
| 0.65                                                                                                                                                                                                    | Depth of Field (μm):                   |
| 0.6                                                                                                                                                                                                     | Working Distance (mm):                 |
| 22                                                                                                                                                                                                      | Field Number (mm):                     |
| 45                                                                                                                                                                                                      | Parfocal Length (mm):                  |
| N/A                                                                                                                                                                                                     | Immersion Liquid:                      |
| 1041                                                                                                                                                                                                    | Depth of Focus (μm):                   |
| Threading & Mounting                                                                                                                                                                                    |                                        |
| RMS / 20.32mm x 36 TPI                                                                                                                                                                                  | Mounting Threads:                      |
| Regulatory Compliance                                                                                                                                                                                   |                                        |
| <a href="#">View</a>                                                                                                                                                                                    | Certificate of Conformance:            |
| Japan                                                                                                                                                                                                   | Country of Origin:                     |
| Edmund Optics India Private Limited<br>267, Greystone Building, Second Floor,<br>6th Cross Rd, Binnamangala,<br>Stage 1, Indiranagar, Bengaluru,<br>Karnataka, India 560038<br>Phone: +91- 80-6845 0000 | Imported By:                           |

## 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 10XPh1 ([#86-935](#)) and 100XPh3 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.