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Olympus PLN 100X Oil Immersion Objective

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#86-816

Stock **#86-816** **2 In Stock**

1 **C\$1,988⁰⁰**

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General

Model Number:
PLN100XO

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

Type:
Microscope Objective

Style:
Infinity Corrected

Manufacturer:

Olympus

Note:

Recommended Immersion Oil [#86-834](#)

Physical & Mechanical Properties

Field of View (mm):
0.22

Length excluding Threads (mm):
44.70

Maximum Diameter (mm):
24

Weight (g):
114.0

Optical Properties

Compatible Cover Glass Thickness (mm):
N/A

Focal Length FL (mm):
1.80

Magnification:
100X

Numerical Aperture NA:
1.25

Resolving Power (μm):
0.27

Depth of Field (μm):
0.27

Working Distance (mm):
0.15

Field Number (mm):
22

Parfocal Length (mm):
45

Immersion Liquid:
Oil

Depth of Focus (μm):
1760

Entrance Pupil Diameter (mm):
4.50

Threading & Mounting

Mounting Threads:
RMS / 20.32mm x 36 TPI

Regulatory Compliance

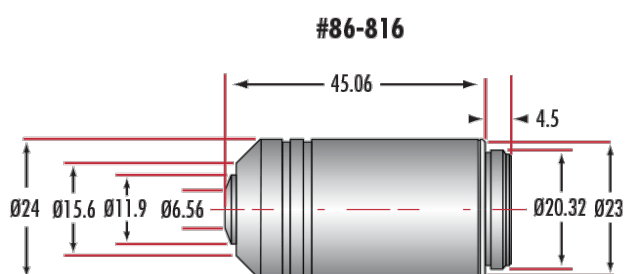
Certificate of Conformance:
[View](#)

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	16-879	39.1	3.4	0.0	16.8	16.8	24.0	4.5
PLN 4X	86-812	26.4	4.4	0.0	15.8	15.8	24.0	4.5
PLN 10X	86-813	34.3	4.1	1.6	10.5	16.0	24.0	4.5
PLN 20X	86-814	43.7	4.2	2.4	6.1	15.6	24.0	4.8
PLN 40X	86-815	44.3	4.2	3.0	7.5	15.6	24.0	4.5
PLN 100X	86-816	44.7	4.2	2.5	6.6	15.6	24.0	4.5

