

Olympus PLN 100X Oil Immersion Objective

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#86-816

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

-

1

+

€1.420⁰⁰

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Volume Pricing	
Qty 1+	€1.420,00 each
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Product Downloads

General	
	Model Number:
PLN100XO	
	Compatible Tube Lens Focal Length (mm):
Focal Length: 180mm	
	Type:
Microscope Objective	
	Style:
Infinity Corrected	

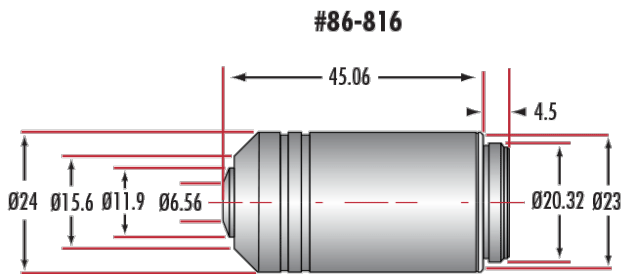
Olympus	Manufacturer:
Recommended Immersion Oil #86-834	Note:
Physical & Mechanical Properties	
0.22	Field of View (mm):
44.70	Length excluding Threads (mm):
24	Maximum Diameter (mm):
114.0	Weight (g):
Optical Properties	
N/A	Compatible Cover Glass Thickness (mm):
1.80	Focal Length FL (mm):
100X	Magnification:
1.25	Numerical Aperture NA:
0.27	Resolving Power (μm):
0.27	Depth of Field (μm):
0.15	Working Distance (mm):
22	Field Number (mm):
45	Parfocal Length (mm):
Oil	Immersion Liquid:
1760	Depth of Focus (μm):
4.50	Entrance Pupil Diameter (mm):
Threading & Mounting	
RMS / 20.32mm x 36 TPI	Mounting Threads:
Regulatory Compliance	
View	Certificate of Conformance:

Product Details

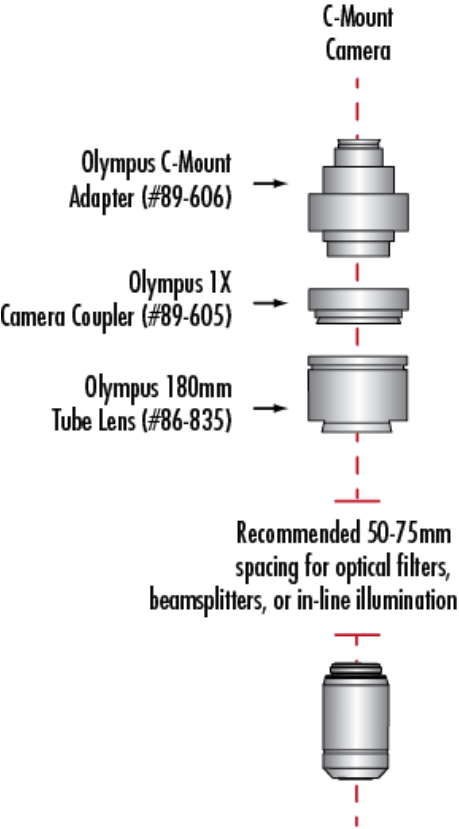
- Ideal for Brightfield, Darkfield, or Fluorescence Microscopy
- Excellent Price-to-Performance Ratio
- Suitable for Introductory and Advanced Optical Microscopy Applications
- Additional [Olympus Infinity Corrected Objectives](#) Available

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

