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Olympus PLN 40X Objective

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Olympus Plan Achromatic Objectives



Stock **#86-815** **4 In Stock**

A\$1,208⁰⁰

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General

1-U2B227 **Model Number:**

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

Microscope Objective **Type:**

Style:

Manufacturer: Olympus

Physical & Mechanical Properties

Field of View (mm): 0.55
 Length excluding Threads (mm): 44.30
 Maximum Diameter (mm): 24
 Weight (g): 110.6

Optical Properties

Compatible Cover Glass Thickness (mm): 0.17
 Focal Length FL (mm): 4.50
 Magnification: 40X
 Numerical Aperture NA: 0.65
 Resolving Power (µm): 0.52
 Depth of Field (µm): 0.65
 Working Distance (mm): 0.6
 Field Number (mm): 22
 Parfocal Length (mm): 45
 Immersion Liquid: N/A
 Depth of Focus (µm): 1041

Threading & Mounting

Mounting Threads: RMS / 20.32mm x 36 TPI

Regulatory Compliance

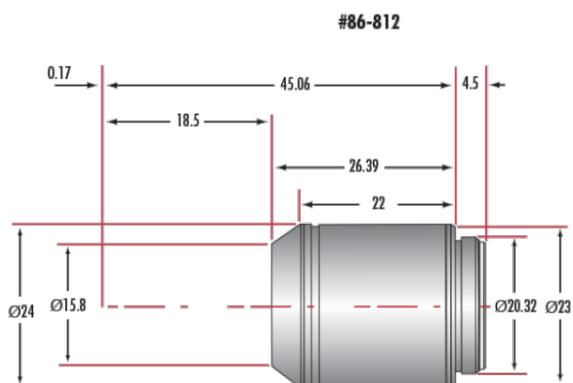
Certificate of Conformance: [View](#)

Product Details

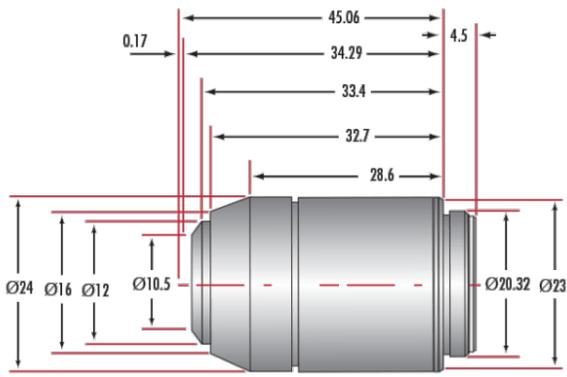
- Ideal for Brightfield, Darkfield, or Fluorescence Microscopy
- Excellent Price-to-Performance Ratio
- Suitable for Introductory and Advanced Optical Microscopy Applications
- Additional [Olympus Infinity Corrected Objectives](#) Available

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.

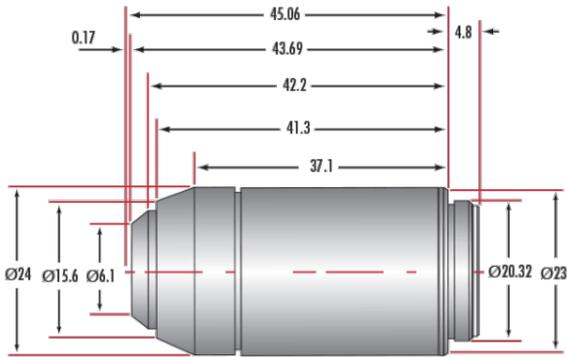
Technical Information



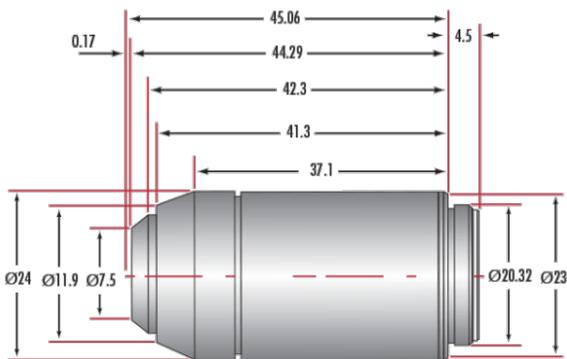
#86-813



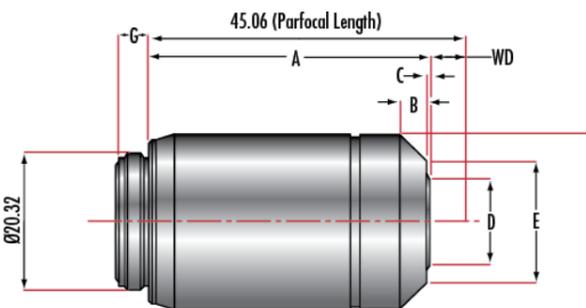
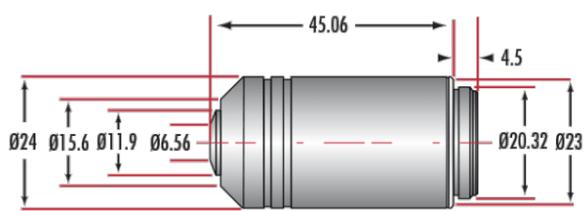
#86-814



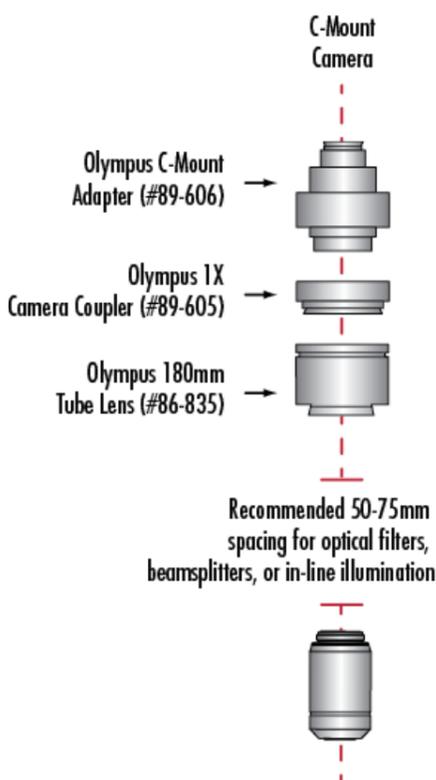
#86-815



#86-816



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

