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Olympus LMPLFLN-BD 50X Objective

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Olympus MPlan Fluorite Semi Apochromat Infinity Corrected Objectives

Stock **#86-830** **2 In Stock**

⊖ 1 ⊕ C\$6,545⁰⁰

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Qty 1+	C\$6,545.00 each
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General

Model Number:
1-U2N350

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

Type:
Microscope Objective

Style:
Infinity Corrected

Manufacturer:

Olympus

Darkfield Objective

Note:

Physical & Mechanical Properties

Diameter (mm):

32.00

Field of View (mm):

0.53

Length excluding Threads (mm):

34.40

Maximum Diameter (mm):

32

Weight (g):

85

Optical Properties

Compatible Cover Glass Thickness (mm):

N/A

Focal Length FL (mm):

3.60

Magnification:

50X

Numerical Aperture NA:

0.50

Resolving Power (μm):

0.67

Depth of Field (μm):

1.10

Working Distance (mm):

10.6

Wavelength Range (nm):

400 - 700

Field Number (mm):

26.5

Parfocal Length (mm):

45

Immersion Liquid:

N/A

Threading & Mounting

Mounting Threads:

M26 x36 TPI

Environmental & Durability Factors

Operating Humidity:

20 - 80%RH with no condensation

Regulatory Compliance

Certificate of Conformance:

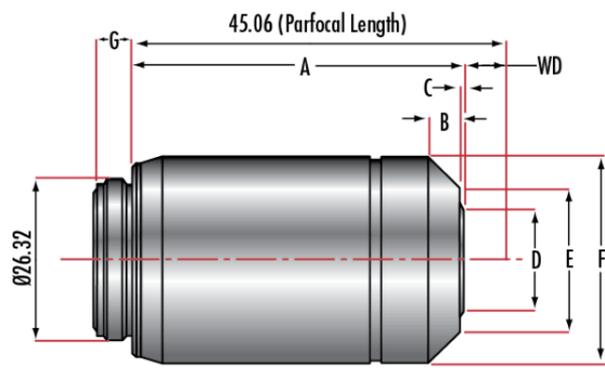
[View](#)

Product Details

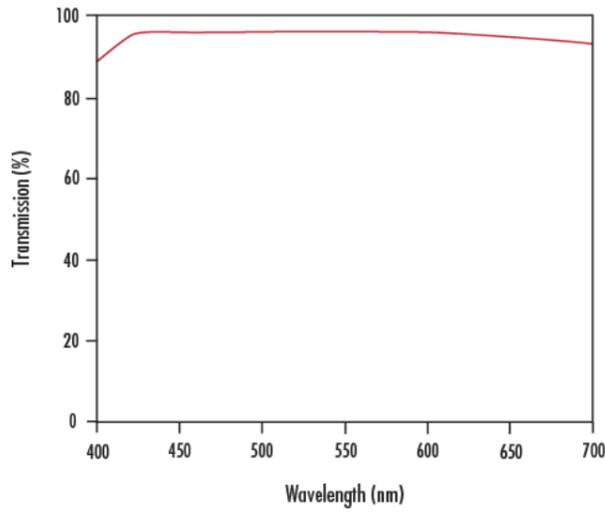
- Ideal for Brightfield, DIC, Fluorescence, or Polarization Microscopy
- Long Working Distances Reduce Risk of Specimen Damage
- Excellent Transmission from 400 – 700nm
- Additional [Olympus Infinity Corrected Objectives](#) Available

Olympus MPlan Fluorite Semi Apochromat Infinity Corrected Objectives are ideal for a range of applications utilizing a variety of illumination methods. Olympus MPlan Fluorite Semi Apochromat Infinity Corrected Objectives offer long working distances to increase specimen safety, in addition to increased contrast for observation. These objectives feature standard pupil positions, which enable the use of multiple [prisms](#) or [polarizers](#) for differential interference contrast (DIC) optical microscopy applications.

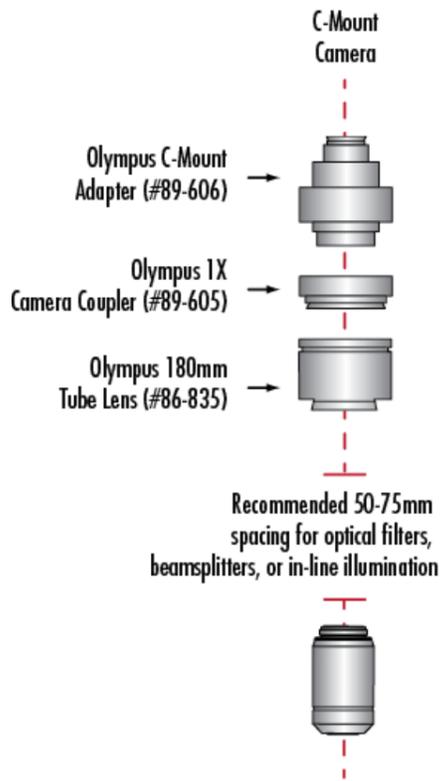
Technical Information



Typical Transmission

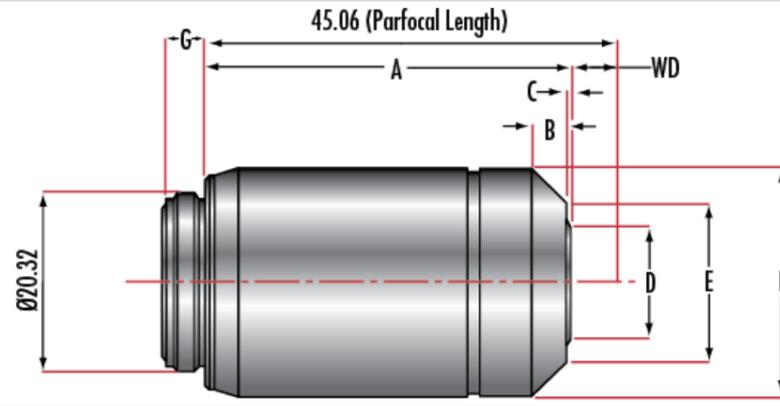


Using Olympus Objectives with C-Mount Cameras



Stock #	Model	A	B	C	D	E	F	G	WD
#88-202	LMPLFLN 5X	22.5	0.3	-	25.4	-	26.0	4.9	22.5
#88-203	LMPLFLN 10X	24.0	1.9	-	15.2	22.4	26.0	4.5	21.0
#88-204	LMPLFLN 20X	33.0	3.7	-	17.0	-	26.0	4.8	12.0
#88-205	LMPLFLN 50X	34.4	4.0	-	18.2	-	26.0	4.9	10.6
#88-206	LMPLFLN 100X	41.6	3.8	0.5	12.5	18.1	26.0	4.7	3.4
#16-880	MPLFLN 1.25X	41.5	-	-	28.6	29.0	30	4.9	3.5
#39-573	MPLFLN 2.5X	34.3	2.7	-	24.5	29.0	30.0	4.9	10.7
#88-332	MPLFLN 5X	25.0	2.5	-	20.9	-	26.0	4.5	20.0

#88-333	MPLFLN 10X	34.0	5.6	-	14.5	-	26.0	4.5	11.0
#23-721	MPLFLN 20X	42.0	2.63	2.15	9	20.4	26	4.8	3
#23-722	MPLFLN 50X	42.0	3.4	1.96	10.3	19	26	4.5	3



Stock #	Model	A	B	C	D	E	F	G	WD
#86-827	LMPLFLN-BD 5X	30.0	2.6	3.4	16.2	29.5	32.0	5.0	15.0
#86-828	LMPLFLN-BD 10X	35.0	2.1	2.7	15.5	30.0	32.0	4.5	10.0
#86-829	LMPLFLN-BD 20X	33.0	1.2	0.5	22.0	30.0	32.0	4.5	12.0
#86-830	LMPLFLN-BD 50X	34.4	1.2	1.4	20.7	28.0	32.0	4.8	10.6
#86-831	LMPLFLN-BD 100X	41.7	1.2	4.0	21.0	29.0	32.0	4.7	3.3

