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Olympus UPLFLN 4X Objective

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Olympus UPLFLN 4X Objective

Stock **#86-817** **5 In Stock**

- 1 + **€680**.00

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Qty 1+	**€680,00** each
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Product Downloads

General

Model Number:
UPLFLN4X

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

Type:
Microscope Objective

Style:
Infinity Corrected

Manufacturer:
Olympus

Physical & Mechanical Properties

Field of View (mm):
6.62

Length excluding Threads (mm):
27.90

Maximum Diameter (mm):
24

Weight (g):
81

Iris Option:
Fixed

Optical Properties

Compatible Cover Glass Thickness (mm):
N/A

Focal Length FL (mm):
45.00

Magnification:
4X

Numerical Aperture NA:
0.13

Resolving Power (µm):
2.58

Depth of Field (µm):
16.27

Working Distance (mm):
17.00

Wavelength Range (nm):
380 - 900

Field Number (mm):
26.5

Parfocal Length (mm):
45

Immersion Liquid:
N/A

Entrance Pupil Diameter (mm):
11.70

Threading & Mounting

Mounting Threads:
RMS / 20.32mm x 36 TPI

Regulatory Compliance

RoHS 2015:
Exempt

Certificate of Conformance:
View

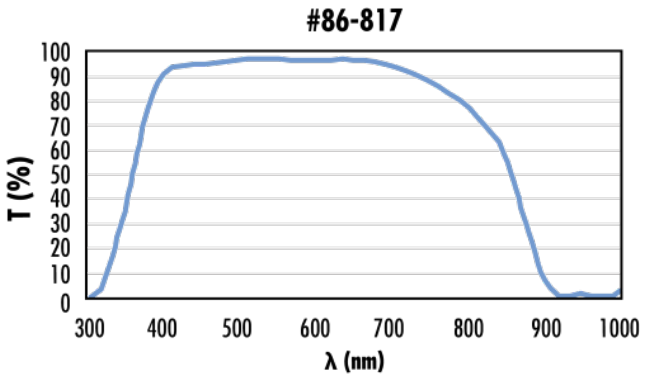
Reach 247:
Contains SVHC(s)

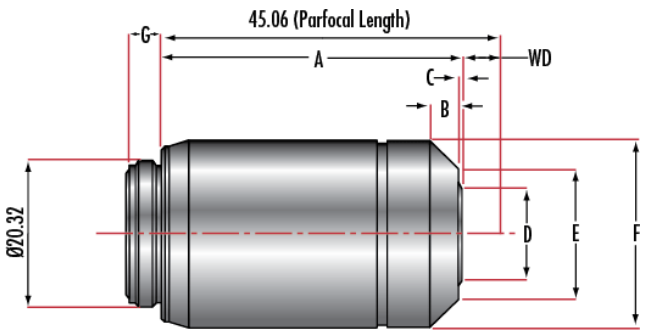
Product Details

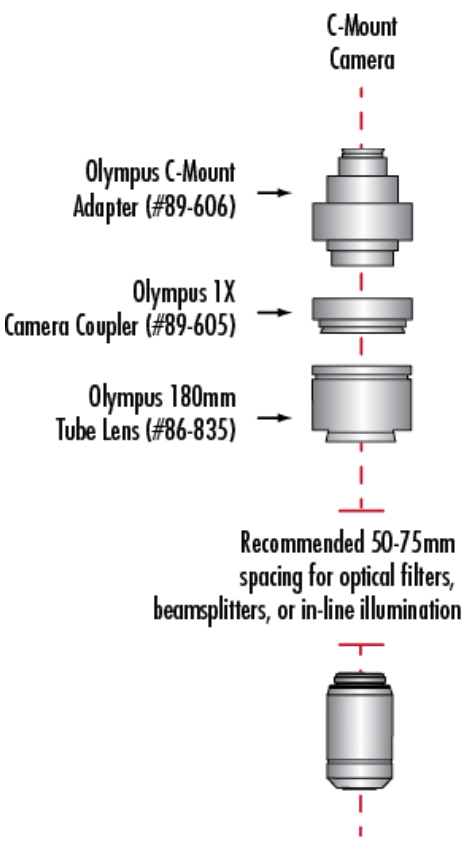
- Ideal for Brightfield, Darkfield, DIC, Fluorescence, or Polarization Microscopy
- Excellent Transmission in the UV
- High Numerical Apertures, Oil Immersion, and Variable Iris Options Available
- Additional **Olympus Infinity Corrected Objectives** Available

Olympus Plan Fluorite Objectives are multi-purpose objectives that utilize advanced multi-coatings to provide excellent flat field images from the UV to NIR. The objectives offer high signal-to-noise ratios, excellent resolution, and high contrast imaging capability. These objectives are ideal for brightfield microscopy or Nomarski differential interference contrast (DIC) observations, in addition to darkfield or fluorescence microscopy, or specific polarization techniques. Olympus Plan Fluorite Objectives are available in 4X up to 100X magnification. High Numerical Apertures, Oil Immersion, and Variable Iris options are available. Variable Iris options feature a correction collar to adjust the iris and reduce straylight to fine-tune the image as needed. Additional **Olympus Infinity Corrected Objectives** are also offered.

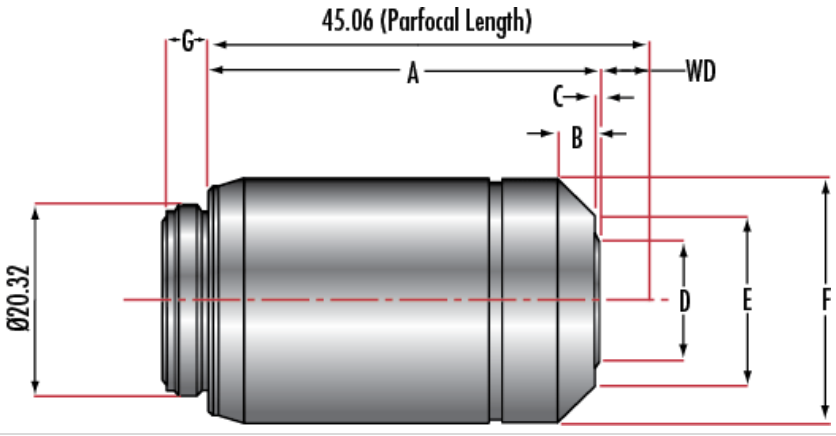
Technical Information







	Stock #	A	B	C	D	E	F	G
UPLFLN 4X	86-817	27.9	2.8	0.0	18.0	18.0	24.0	4.5
UPLFLN 10X	86-818	34.9	10.1	0.0	13.6	13.6	24.0	4.5
UPLFLN 20X	86-819	42.8	5.3	2.3	9.4	15.8	26.0	4.5
UPLFLN 40X	86-820	44.4	5.1	4.0	8.5	16.0	26.0	4.5
UPLFLN 60X	86-822	44.7	5.2	2.7	8.6	17.0	29.0	4.7
UPLFLN 100X (Oil Immersion)	86-823	44.7	5.5	3.0	7.0	17.2	28.0	4.5



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