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# Olympus Single Port Tube Lens, 180mm Focal Length

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#86-835

Stock **#86-835** **6 In Stock**

- 1 + €835<sup>.00</sup>

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## Volume Pricing

Qty 1+	€835,00 each
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## Product Downloads

### General

U-TLU-1-2 (3-U840EC) **Model Number:**  
Olympus **Manufacturer:**

### Physical & Mechanical Properties

350.0 **Weight (g):**

## Optical Properties

180.00 Focal Length FL (mm):

1X Magnification:

400 - 1000 Wavelength Range (nm):

22 Field Number (mm):

27.0 Entrance Pupil Diameter (mm):

## Regulatory Compliance

[View](#) Certificate of Conformance:

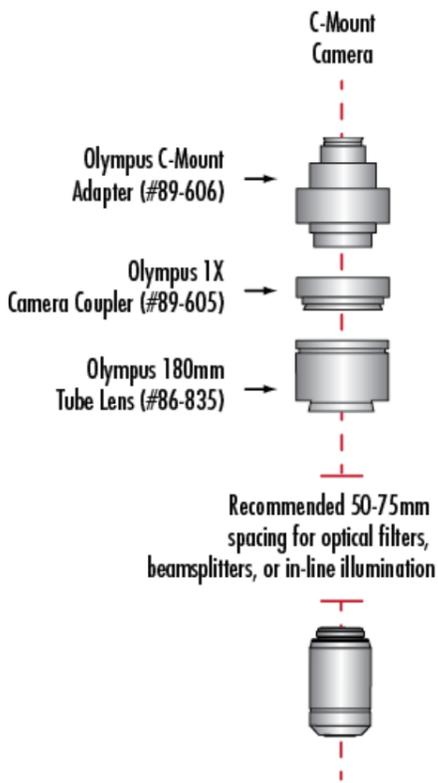
## Product Details

- High Numerical Aperture (NA) up to 1.45
- Chromatic Aberration Correction from 400 - 1000nm
- Uniform Image Flatness over Large FOVs

Olympus X-Line Extended Apochromat Infinity Corrected Objectives (also referred to as the UPLXAPO series) are Olympus' next generation high performance objectives that simultaneously feature high numerical aperture (NA), broadband chromatic aberration correction, and excellent image flatness. The high numerical aperture (NA) allows for excellent light collection efficiency to better capture faint signals, enabling a shorter exposure time and higher contrast. The broad chromatic aberration correction compensates for the wavelength-dependent spatial shift of colors to achieve excellent color reproduction. These objectives also achieve high image flatness from the center to the edges of images over large fields of view (FOV), making them ideal for image stitching and quantitative image analysis. Olympus X-Line Extended Apochromat Infinity Corrected Objectives are used in demanding life science and clinical applications including pathology, fluorescence microscopy, multicolor or widefield fluorescence imaging, confocal or super resolution microscopy, and whole slide imaging.

## Technical Information

### Using Olympus Objectives with C-Mount Cameras



	Stock #	A	B	C	D	E	F	G	WD
Olympus UPLXAPO 4X Objective	<a href="#">#14-905</a>	31.89	-	-	15.4	15.4	28	4.7	13.0
Olympus UPLXAPO 10X Objective	<a href="#">#14-906</a>	41.78	3.7	4.28	9.6	19.4	28	4.6	3.1
Olympus UPLXAPO 20X Objective	<a href="#">#14-907</a>	44.28	3.39	2.88	10.2	18.6	28	4.8	0.61
Olympus UPLXAPO 40X Objective	<a href="#">#14-908</a>	44.71	4.21	2.11	7.5	20.3	31.5	4.9	0.18
Olympus UPLXAPO 60X Oil Immersion Objective	<a href="#">#14-909</a>	44.74	2.1	2.84	10	19.3	31.5	4.9	0.15
Olympus UPLXAPO 100X Oil Immersion Objective	<a href="#">#14-910</a>	44.76	2.1	3.06	7.5	19.1	30.5	4.8	0.135

