Olympus Near-Infrared Single Port Tube Lens, 180mm Focal Length

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Olympus Compact Tube Lens, 180mm Focal Length

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SPECIFICATIONS

General

Model Number:	U-TLUIR-1-2 / 3-U840IEC
Type:	Tube Lens

Manufacturer:
Olympus

Physical & Mechanical Properties

Weight (g):
350

Optical Properties

Focal Length FL (mm):
180.00

Magnification:
1X

Wavelength Range (nm):
400 - 1000

Field Number (mm):
22.0

Regulatory Compliance

Certificate of Conformance:
View

PRODUCT DETAILS

- Empty Filter Cube and **Fluorescence Filter Pre-Mounted Version** Available
- Wide Field and Single Port Tube Lenses
- Low Auto Fluorescence Immersion Oil for High NA **Objectives**
- C-Mount, T-Mount Adapters and Camera Coupler for System Integration

Olympus Tube Lenses and Accessories are specifically designed for use with Olympus microscopes or objectives.

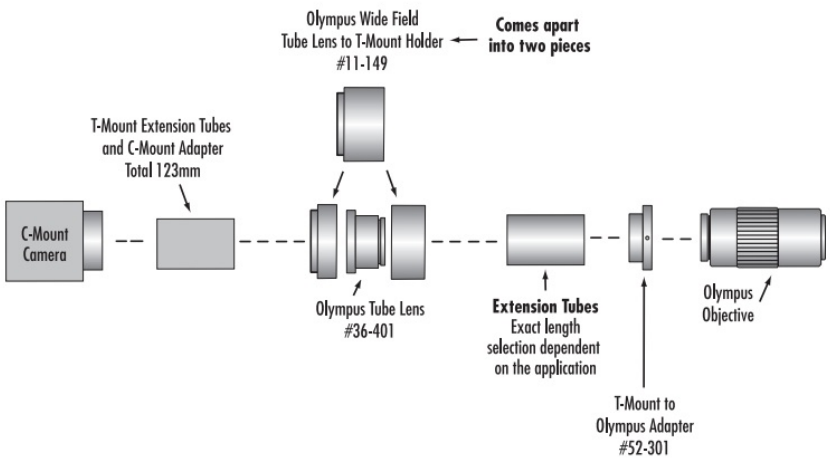
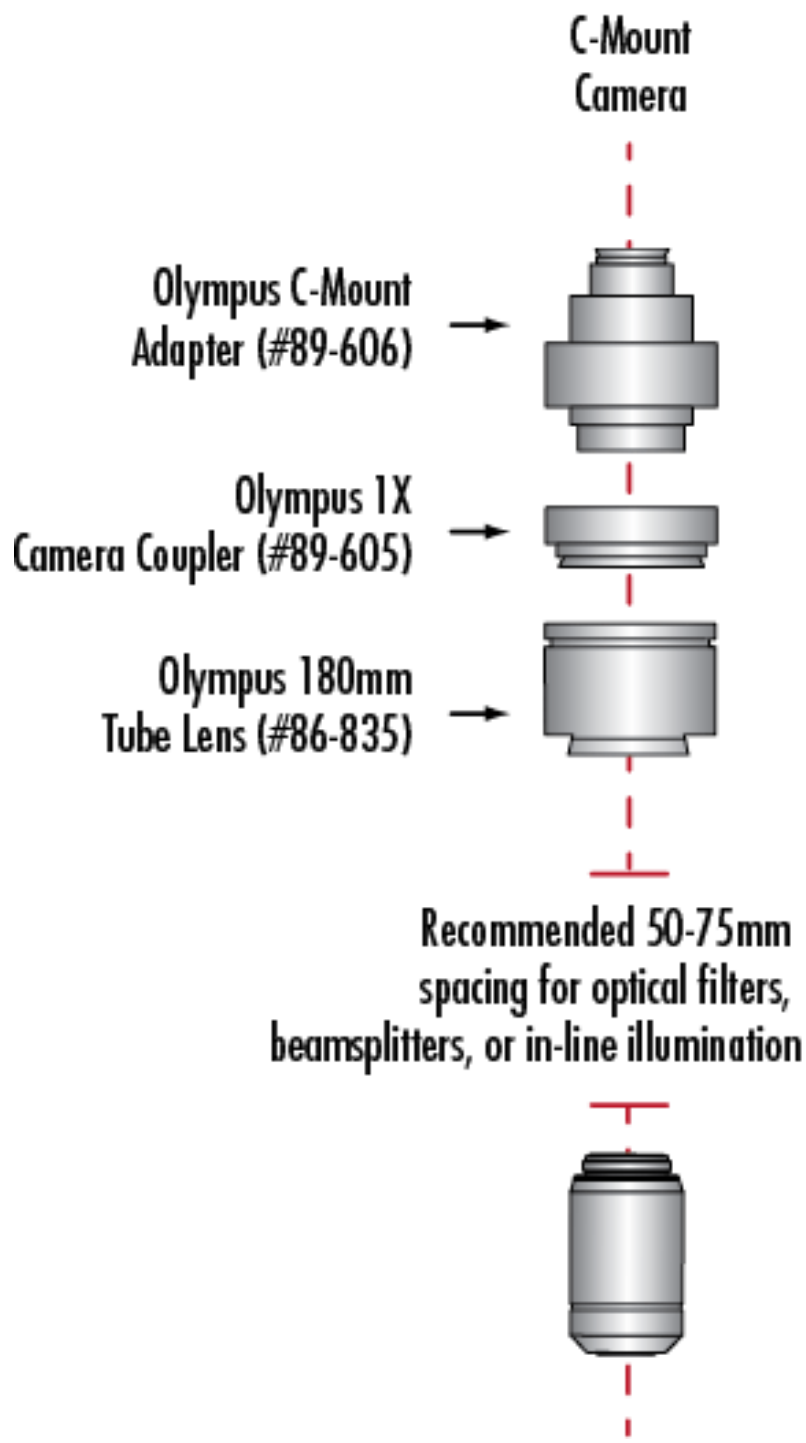
The Olympus Empty Filter Cubes can accept 25mm diameter **excitation and emission** filters and 25.2 x 35.6mm **dichroic filters** for customized fluorescence configurations. The **#86-832** Filter Cube is compatible with Olympus BX2 (BX61/51/41) and IX2 (IX81/71/51) series microscopes. The **#86-833** Filter Cube is compatible with Olympus BX3 (BX63/53/43) and IX3 (IX83/73/53) series microscopes. **Pre-Mounted Fluorescence Filter Cube Sets** utilizing the #86-833 Filter Cube are available for a variety of standard fluorophores.

Olympus Tube Lenses feature a 180mm focal length. The Olympus Wide Field Tube Lens (**#36-401**) offers a wide 26.5mm diameter image circle, and can be easily integrated into T-Mount systems with the Olympus Wide Field Tube Lens to T-Mount Holder (**#11-149**)*. The Olympus Single Port Tube Lens (**#86-835**) features a smaller 22mm diameter image circle, but is designed to easily integrate with microscope observation tubes for video observation. A C-Mount video microscope can be configured by using the #86-835 tube lens, **#89-606** Olympus C-Mount Adapter, and **#89-605** Olympus 1X Camera Coupler.

Olympus Low Auto Fluorescence Immersion Oil **#86-834** is designed for use with Oil Immersion Objectives to achieve a high numerical aperture. The immersion oil is specially formulated for reducing autofluorescence that is typically associated with oils, making it an ideal choice for Fluorescence Microscopy applications.

***Note**: The four socket head cap screws must be removed to mount the #36-401 Olympus Wide Field Tube Lens in the #11-149 Olympus Wide Field Tube Lens to T-Mount Holder. See Technical Information Tab.

TECHNICAL INFORMATION



Using Olympus Objectives with C-Mount Cameras