

MT-4 Accessory Tube Lens

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Stock **#54-428** 7 In Stock

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1

+

€865⁰⁰

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General

MT-4	Model Number:
Tube Lens	Type:

Physical & Mechanical Properties

34.00	Diameter (mm):
	Length (mm):

Optical Properties	
200.00	Focal Length FL (mm):
1X	Magnification:
436 - 656	Wavelength Range (nm):
24.00	Field Number (mm):
11.2	Entrance Pupil Diameter (mm):

26mm x 0.706 mm pitch

Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	REACH 241:

- Creates an Image When Used With a Mitutoyo Objective
- Low Cost Alternative to [Mitutoyo VMU](#) and [FS-70 Microscopes](#)
- [Accessory Adapters](#) Available to Ease Integration with C-Mount Cameras

Mitutoyo Tube Lenses function as secondary lenses to form an image using any of the [Mitutoyo Infinity Corrected Objectives](#). They are economical alternatives to the [FS70 Microscope](#) or [Infinitube® In-line Assembly Unit](#). Several options are available, depending upon system requirements. The MT-4 and MT-40 are designed for end-user integration and can easily be used with any C-Mount camera with our Mitutoyo C-Mount Camera Extension Tube [#56-992](#). Mitutoyo Tube Lenses MT-4 Tube Lens is recommended for use with Objectives from 1X to 20X magnification, while the MT-40 is recommended for use with Objectives with >20X magnification. The MT-1 Tube Lens permits the introduction of a beamsplitter to the imaging path, allowing for a custom in-line illumination system. The MT-2 Tube Lens is similar to the MT-1 but with an effective focal length of 400mm, providing twice the stated magnification for any of the Mitutoyo objectives. The MT-L and MT-L4 lenses are designed for the [M Plan NUV](#) and [M Plan UV](#) series of objectives, respectively. [NIR and zoom tube lenses](#) are also available through our line of Precision Zoom Lenses.

Recommended Option
 100mm C-Mount Extension Tube #54-633
 50mm C-Mount Extension Tube #54-632
 30-50mm, C-Mount Fine Focus Tube #03-625

190mm Extension Tube

C-Mount Camera

C-Mount Camera Extension Tube #56-992

MT-1/MT-2 Tube Lens #54-774/#56-863

MT-4/MT-40 Tube Lens #54-428

Extension Tubes
Exact length selection dependent on the application

MT-40/MT-40 Tube Lens #54-428

Microtomo Objective

Microtomo C-Mount Adapter #55-743

MT-4 (#54-428)
 Intermediate image position

M26 X 36 TPI

12 ± 2

15

95 (parafocal length)

M26 X 36 TPI

Ø34

Workpiece surface

170

Units: mm