

MT-1 Accessory Tube Lens

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MT-1 Accessory Tube Lens, #54-774

Stock **#54-774** **9 In Stock**

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1

+

₹96,570

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SPECIFICATIONS

General	
MT-1	Model Number:
Tube Lens	Type:

Physical & Mechanical Properties	
40.00	Diameter (mm):
32.50	Length (mm):
Optical Properties	
200.00	Focal Length FL (mm):
1X	Magnification:
436 - 656	Wavelength Range (nm):
30.00	Field Number (mm):
24.00	Entrance Pupil Diameter (mm):
Threading & Mounting	
three 2.4mm holes	Mounting Threads:
Regulatory Compliance	
Exempt	RoHS 2015:
View	Certificate of Conformance:
Contains SVHC(s)	REACH 241:

PRODUCT DETAILS

- 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.

TECHNICAL INFORMATION

MT-1 (#54-774)

Intermediate image position

(3) Ø2.4 mtg.
holes on Ø36

MT-1
Tube Lens

Beamsplitter
(for reflective
illumination)

Objective
lens mount

Workpiece surface

76.5

95 (parfocal length)

Ø35

Ø30

28

4.5

240.2

Units: mm

