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## 5X Mitutoyo Telecentric Objective

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3X (#56-985) & 5X (#56-986)

Stock **#56-986** **2 In Stock**

⊖ 1 ⊕ £996<sup>00</sup>

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### Product Downloads

#### General

375-034-1 **Model Number:**  
 Microscope Objective **Type:**  
 Finite Conjugate **Style:**  
 Mitutoyo **Manufacturer:**

**Note:**  
Image is formed 280mm from specimen (170mm from the mounting flange)

## Physical & Mechanical Properties

49.00	Length (mm):
49.00	Length excluding Threads (mm):
30	Maximum Diameter (mm):
60	Weight (g):

## Optical Properties

1.28mm	Horizontal Field of View, 1/2" Sensor:
1.80mm	Horizontal Field of View, 2/3" Sensor:
34.74	Focal Length FL (mm):
NA0.13	Aperture (f#):
5X	Magnification:
0.13	Numerical Aperture NA:
2.12	Resolving Power ( $\mu\text{m}$ ):
16.30	Depth of Field ( $\mu\text{m}$ ):
4.8	Field of View, 24 Diameter Field Eyepiece (mm):
3.6	Field of View, 18 Diameter Field Eyepiece (mm):
61	Working Distance (mm):
435 - 655	Wavelength Range (nm):
110	Parfocal Length (mm):
N/A	Immersion Liquid:
11.00	Maximum Image Circle (mm):

## Sensor

2/3"	Maximum Sensor Format:
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## Threading & Mounting

M26 x 36 TPI	Mount:
M26 x 36 TPI	Mounting Threads:

## Environmental & Durability Factors

+5 to +40	Operating Temperature ( $^{\circ}\text{C}$ ):
20 - 80%	Operating Humidity:

## Regulatory Compliance

<a href="#">Compliant</a>	RoHS 2015:
<a href="#">View</a>	Certificate of Conformance:
<a href="#">Compliant</a>	REACH 241:

## Product Details

- Long Working Distances Allow for Integration into Machine Vision Measurement Systems

- Compact Design and Long Parfocal Length Simplifies Mounting
- [Tube](#) Available for Use with C-Mount Cameras
- Aluminum Alloy Housing

Mtutoyo Telecentric Objectives are ideal for high-resolution, high power machine vision measurement and optical gauging systems. With powers up to 100X, these objectives can be used for semiconductor production and inspection, and in metrology, quality assurance, and R&D laboratories. These objectives are constructed of an aluminum alloy housing. Mtutoyo Telecentric Objectives have a compact design and a long parfocal length that simplifies mounting. They are easily integrated into C-Mount imaging systems with our Mtutoyo C-Mount Camera Tube [#56-992](#).

Edmund Optics is the main source for Mtutoyo Objectives. Place your orders now for these in demand quality products.

## Technical Information

Magnification	A	B	C	D	E	Stock No.
1X	49	10	16.5	31.5	31.5	<a href="#">#56-984</a>
3X	33	10	18	25	28	<a href="#">#56-985</a>
5X	49	10	17	25	28	<a href="#">#56-986</a>
10X	59	10	14.5	30	30	<a href="#">#56-987</a>
20X	90	14.5	23	33	39	<a href="#">#87-228</a>
50X	97	14.7	23	33	39	<a href="#">#87-229</a>
100X	104	14.1	23	33	39	<a href="#">#87-230</a>

