

5X Mitutoyo Telecentric Objective

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

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

-

1

+

€1.245^{.00}

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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

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

Optical Properties

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

Sensor

	Maximum Sensor Format:
2/3"	

Threading & Mounting

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

Environmental & Durability Factors

	Operating Temperature (°C):
+5 to +40	
	Operating Humidity:
20 - 80%	

Regulatory Compliance

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

Product Details

- Long Working Distances Allow for Integration into Machine Vision Measurement Systems
- Compact Design and Long Parfocal Length Simplifies Mbunting

- [Tube](#) Available for Use with C-Mount Cameras
- Aluminum Alloy Housing

Mitutoyo 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. Mitutoyo 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 Mitutoyo C-Mount Camera Tube [#56-992](#).

Edmund Optics is the main source for Mitutoyo 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	#56-984
3X	33	10	18	25	28	#56-985
5X	49	10	17	25	28	#56-986
10X	59	10	14.5	30	30	#56-987
20X	90	14.5	23	33	39	#87-228
50X	97	14.7	23	33	39	#87-229
100X	104	14.1	23	33	39	#87-230

Mitutoyo Telecentric Objectives

Units: mm