

3X Mitutoyo Compact Objective

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3X Mitutoyo Compact Objective, #56-990

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1

+

C\$805^{.00}

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Product Downloads

General	
375-033	Model Number:
Microscope Objective	Type:
Finite Conjugate	Style:
Mitutoyo	Manufacturer:
Physical & Mechanical Properties	

	Length (mm):
32.20	
	Length excluding Threads (mm):
32.20	
	Maximum Diameter (mm):
30	
	Weight (g):
35.00	

Optical Properties	
	Effective Focal Length EFL (mm):
50.59	
	Horizontal Field of View, 1/2" Sensor:
2.10mm	
	Horizontal Field of View, 2/3" Sensor:
2.90mm	
	Focal Length FL (mm):
50.61	
	Magnification:
3X	
	Numerical Aperture NA:
0.07	
	Resolving Power (µm):
2.5	
	Depth of Field (µm):
23.00	
	Field of View, 24 Diameter Field Eyepiece (mm):
8.0	
	Field of View, 18 Diameter Field Eyepiece (mm):
6.0	
	Working Distance (mm):
77.8	
	Wavelength Range (nm):
435 - 655	
	Field Number (mm):
24	
	Parfocal Length (mm):
110	
	Immersion Liquid:
N/A	

Sensor	
	Maximum Sensor Format:
2/3"	

Threading & Mounting	
	Mounting Threads:
M26 x 36 TPI	

Environmental & Durability Factors	
	Operating Temperature (°C):
+5 to +35	
	Operating Humidity:
65±20%	

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
- Small Size with Excellent Performance
- Long Working Distances
- Easily Integrates with C-Mount Cameras

The Mitutoyo Compact Objectives are ideal replacements to commercial and biological grade microscope objectives. An optimized compromise between physical size, numerical aperture, and working distance leads to diffraction limited performance at a fraction of the size and cost of their [infinity-corrected](#) counterparts. These objectives are easily integrated into C-Mount imaging systems with our Mitutoyo C-Mount Camera Tube [#56-992](#). Higher powers are available in a larger package design, please contact our [Applications Engineering Department](#) for more information.

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

Technical Information

Magnification	Working Distance	A	B	C	D	E	Stock No.
1X	73.7mm	36.3mm	5.0mm	26.0mm	25.0mm	30.0mm	#56-988
2X	92.0mm	18.0mm	12.0mm	22.0mm	25.0mm	30.0mm	#56-989
3X	77.8mm	32.2mm	5.0mm	26.0mm	25.0mm	30.0mm	#56-990

