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- 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 ([/microscopy/infinity-corrected-objectives/mitutoyo-infinity-corrected-long-working-distance-objectives/1942](#)) counterparts. These objectives are easily integrated into C-Mount imaging systems with our Mitutoyo C-Mount Camera Tube # 56-992 ([/search/index.cfm?criteria=56-992](#)). Higher powers are available in a larger package design, please contact our Applications Engineering Department ([/contact-support/email-support/](#)) for more information.

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

Manufacturer:	Mitutoyo
Operating Humidity:	65±20%
Operating Temperature (°C):	+5 to +35

	Magnification	Numerical Aperture ...	Working Distance (...)	Stock Number	Price	Volume	Buy
	1X	0.03	73.7	#56-988 (/microscopy/finite-conjugate-objectives/1x-mitutoyo-compact-objective)	\$475.00	Request a Quote (/products/services...quote.cfm? addStockToQuote=...	IN STOCK Qty BUY
	2X	0.06	92	#56-989 (/microscopy/finite-conjugate-objectives/2x-mitutoyo-compact-objective)	\$475.00	Request a Quote (/products/services...quote.cfm? addStockToQuote=...	CONTACT US Qty BUY
	3X	0.07	77.8	#56-990 (/microscopy/finite-conjugate-objectives/3x-mitutoyo-compact-objective)	\$495.00	Request a Quote (/products/services...quote.cfm? addStockToQuote=...	IN STOCK Qty BUY





3X Mitutoyo Compact Objective (/microscopy/finite-conjugate-objectives/3x-mitutoyo-compact-objective/)

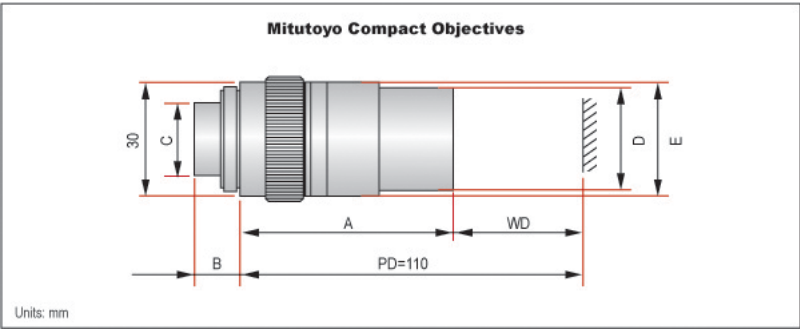
Stock #56-990

Effective Focal Length EFL (mm):	50.59	Field of View, 1/2" Sensor:	2.10 x 1.60mm
Field of View, 2/3" Sensor:	2.90 x 2.20mm	Length (mm):	32.2
Magnification:	3X	Maximum Diameter (mm):	30.0
Numerical Aperture NA:	0.07	Operating Temperature (°C):	+5 to +35
Weight (g):	35	Working Distance (mm):	77.8
Resolving Power (µm):	2.5	Depth of Focus (µm):	23
Field of View, 24 Diameter Field Eyepiece (mm):	8.0	Field of View, 18 Diameter Field Eyepiece (mm):	6.0
Operating Humidity:	65±20%	Manufacturer:	Mitutoyo
RoHS:	Exempt		

-	0.04 - 0.10	50	#56-991 (/microscopy/finite-conjugate-objectives/1x-5x-zoom-mitutoyo-compact-objective)	\$2,525.00	Request a Quote (/products/services... quote.cfm? addStockToQuote=...	CONTACT US Qty BUY
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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 (/search/index.cfm?criteria=56-988)
2X	92.0mm	18.0mm	12.0mm	22.0mm	25.0mm	30.0mm	#56-989 (/search/index.cfm?criteria=56-989)
3X	77.8mm	32.2mm	5.0mm	26.0mm	25.0mm	30.0mm	#56-990 (/search/index.cfm?criteria=56-990)
1X-5X Zoom	50.0mm	60.0mm	11.5mm	21.5mm	25.0mm	34.0mm	#56-991 (/search/index.cfm?criteria=56-991)



Frequently Asked Questions