

Why settle for a Mitutoyo alternative when you can specify the equivalent?



OPTEM
OBJECTIVES

Available for immediate delivery, Optem Infinity-Corrected Objectives are the perfect machine vision and industrial imaging alternative to popular Mitutoyo objectives that may be in short supply.

Select from the growing line of Optem M Plan APO Long-Working Distance Objectives when flat-field precision, color accuracy and even illumination are critical. Turn to the field-proven imaging power of Optem High-Resolution Objectives for a 50% boost in numerical aperture.

- 50X M Plan Apo, Long Working Distance **COMING SOON!**
- 20X M Plan Apo, Long Working Distance
- 10X M Plan Apo, Long Working Distance
- 5X M Plan Apo, Long Working Distance
- 2X M Plan Apo, Long Working Distance

- 20X High-Resolution
- 10X High-Resolution
- 5X High-Resolution

Contact Qioptiq Imaging Solutions today for competitive pricing. Ask about OEM Private labeling and customization options.

Coming Soon!
50X M Plan APO
LWD Objective



OPTEM® M PLAN APO, LONG-WORKING DISTANCE OBJECTIVES

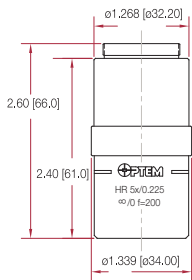
CAT. NO.	OBJECTIVE DESCRIPTION	NUMERICAL APERTURE	WORKING DISTANCE	BACK FOCAL	EFL (mm)	RESOLUTION	DOF (µm)	REAL FOV (mm) (Ø 24 eyepiece)	REAL FOV (VxH, mm) (1/2" CCD camera)	MASS (g)
28-21-02-000	LWD 2X	0.055	34mm	0	100	6.1	181.8	Ø12	2.4x0.3.2	330
28-21-05-000	LWD 5X	0.14	34mm	0	40	2.4	28.1	Ø4.8	0.96x0.1.28	280
28-21-10-000	LWD 10X	0.30	34mm	-6.4mm	20	1.1	6.1	Ø2.4	0.48x0.64	240
28-21-11-000	LWD 20X	0.42	20mm	-11.2mm	10	0.8	3.1	Ø1.2	0.24x0.32	280
28-21-50-000	LWD 50X	0.55	13mm	-8.3mm	4	0.61	1.8	Ø0.48	0.10x0.13	N/A

OPTEM® HIGH RESOLUTION OBJECTIVES

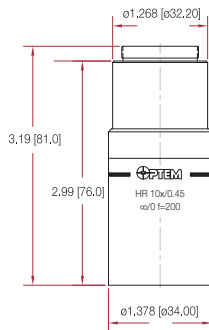
CAT. NO.	OBJECTIVE DESCRIPTION	NUMERICAL APERTURE	WORKING DISTANCE	BACK FOCAL	EFL (mm)	RESOLUTION	DOF (µm)	REAL FOV (mm) (Ø 24 eyepiece)	REAL FOV (VxH, mm) (1/2" CCD camera)	MASS (g)
28-20-44-000	High-Res 5X	0.225	34mm	-0.6mm	40	1.5	10.9	Not Applic*	Not Applic	210
28-20-45-000	High-Res 10X	0.45	19mm	-31.0mm	20	0.74	2.7	Not Applic*	Not Applic	190
28-20-46-000	High-Res 20X	0.60	13mm	-14.7mm	10	0.56	1.5	Not Applic*	Not Applic	290

*Optem® High-Resolution Objectives are specifically designed for use with Optem® Lens Systems. Not intended for use with conventional microscope optics.

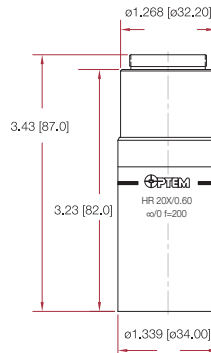
High-Resolution 5X
28-20-44-000



High-Resolution 10X
28-20-45-000



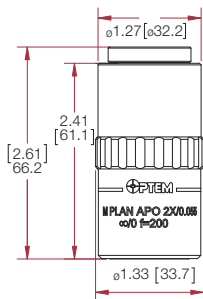
High-Resolution 20X
28-20-46-000



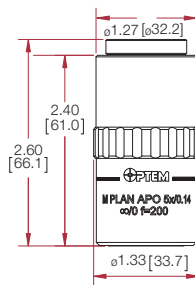
OPTEM® HIGH-RESOLUTION OBJECTIVES

Specifically designed to maximize optical performance over the wider fields-of-view achievable at low magnification with Optem® CCD Lens Systems and A-Zoom2 Microscopes, Optem® High-Resolution Objectives are the ideal solution for high-end machine vision applications.

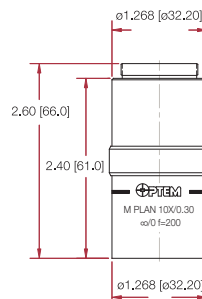
M Plan Long-Working Distance 2X
28-21-02-000



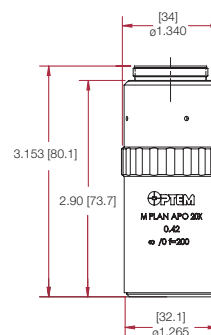
M Plan Long-Working Distance 5X
28-21-05-000



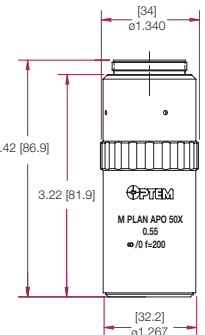
M Plan Long-Working Distance 10X
28-21-10-000



M Plan Long-Working Distance 20X
28-21-11-000



M Plan Long-Working Distance 50X
28-21-50-000



OPTEM® M PLAN APO, LWD OBJECTIVES

Realize flat-field precision free of chromatic aberration when imaging accuracy really counts. Exact replacements for Mitutoyo 378 Series objectives.

Newly Expanded Magnification Offering!



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