

## 100X EO M Plan Apo Long Working Distance Infinity Corrected



50XEOMPlan Apo Long Working Distance Infinity Corrected, #59-879

Stock **#59-880** **2 In Stock**

⊖ 1 ⊕ €3.625<sup>00</sup>

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Volume Pricing	
Qty 1+	€3.625,00 each
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ⓘ Prices shown are exclusive of VAT/local taxes

### Product Downloads

### General

**Compatible Tube Lens Focal Length (mm):**  
Focal Length: 200mm

Microscope Objective **Type:**

Infinity Corrected **Style:**

### Physical & Mechanical Properties

**Field of View (mm):**

0.24

Length (mm):

92.00

Length excluding Threads (mm):

92.00

Maximum Diameter (mm):

34

Weight (g):

450.00

### Optical Properties

Horizontal Field of View, 1/2" Sensor:

0.064mm

Horizontal Field of View, 2/3" Sensor:

0.088mm

Horizontal Field of View, 1" Sensor:

0.128mm

Focal Length FL (mm):

2.00

Magnification:

100X

Numerical Aperture NA:

0.80

Resolving Power (µm):

0.34

Depth of Field (µm):

0.43

Field of View, 24 Diameter Field Eyepiece (mm):

0.24

Working Distance (mm):

3.0

Wavelength Range (nm):

390 - 780

Field Number (mm):

24

Parfocal Length (mm):

95

Immersion Liquid:

N/A

### Threading & Mounting

Mounting Threads:

M26 x 36 TPI

### Environmental & Durability Factors

Operating Temperature (°C):

+10 to +40

Operating Humidity:

<85% with no condensation

### Regulatory Compliance

Certificate of Conformance:

[View](#)

## Product Details

- High Quality Optics in a Plan Apochromat Design
- Long Working Distance Options
- Sub-Micron Resolving Power

EO Infinity Corrected Long Working Distance Objectives are made to the highest quality and standards, utilizing a strain-free optical system. They maintain a long working distance and offer high numerical apertures. With resolving power from 5 to 0.34 microns, these objectives work for a wide array of applications. All stated magnifications are based on a tube lens focal length of 200mm. EO Infinity Corrected Long Working Distance Objectives' mounting thread is M26 x 36 TPI. The objectives work with all Mitutoyo parts and can be placed directly in a system currently utilizing Mitutoyo objectives.

## Technical Information

	Stock #	A	B	C	D	E
2XMPlan APO	<a href="#">#59-875</a>	61	—	32	27.5	34
5XMPlan APO	<a href="#">#59-876</a>	61	—	32	25	34

10XMPlan APO	#59-877	61.5	2.2	32	25.5	34
20XMPlan APO	#59-878	75	3.2	32	26.7	34
50XMPlan APO	#59-879	82	—	32	25.5	34
100XMPlan APO	#59-880	92	—	32	26	34
50XMPlan APO ULWD	#59-881	74.5	—	32	25.5	34
100XMPlan APO ULWD	#59-882	82	—	32	26	34



Units: mm