

## 100X EO M Plan Apo ULWD Infinity Corrected



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

Stock **#59-882** **3 In Stock**

⊖ 1 ⊕ £3,992<sup>00</sup>

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### Volume Pricing

Qty 1+	£3,992.00 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	
82.00	<b>Length (mm):</b>
82.00	<b>Length excluding Threads (mm):</b>
34	<b>Maximum Diameter (mm):</b>
340.00	<b>Weight (g):</b>

### Optical Properties

0.064mm	<b>Horizontal Field of View, 1/2" Sensor:</b>
0.088mm	<b>Horizontal Field of View, 2/3" Sensor:</b>
0.128mm	<b>Horizontal Field of View, 1" Sensor:</b>
2.00	<b>Focal Length FL (mm):</b>
100X	<b>Magnification:</b>
0.55	<b>Numerical Aperture NA:</b>
0.5	<b>Resolving Power (µm):</b>
0.90	<b>Depth of Field (µm):</b>
0.24	<b>Field of View, 24 Diameter Field Eyepiece (mm):</b>
13.0	<b>Working Distance (mm):</b>
390 - 780	<b>Wavelength Range (nm):</b>
24	<b>Field Number (mm):</b>
95	<b>Parfocal Length (mm):</b>
N/A	<b>Immersion Liquid:</b>

### Threading & Mounting

M26 x 36 TPI	<b>Mounting Threads:</b>
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### Environmental & Durability Factors

+10 to +40	<b>Operating Temperature (°C):</b>
<85% with no condensation	<b>Operating Humidity:</b>

### Regulatory Compliance

<a href="#">View</a>	<b>Certificate of Conformance:</b>
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### 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