

2X EO M Plan Apo Long Working Distance Infinity Corrected



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

Stock **#59-875** **7 In Stock**

⊖ 1 ⊕ €970.⁰⁰

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Volume Pricing

Qty 1+	€970,00 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

Type:
Microscope Objective

Style:
Infinity Corrected

Physical & Mechanical Properties

Field of View (mm):

2

61.00 Length (mm):

61.00 Length excluding Threads (mm):

34 Maximum Diameter (mm):

270 Weight (g):

Optical Properties

3.20mm Horizontal Field of View, 1/2" Sensor:

4.40mm Horizontal Field of View, 2/3" Sensor:

6.4mm Horizontal Field of View, 1" Sensor:

100.00 Focal Length FL (mm):

2X Magnification:

0.06 Numerical Aperture NA:

5.0 Resolving Power (µm):

91.00 Depth of Field (µm):

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

34.0 Working Distance (mm):

390 - 780 Wavelength Range (nm):

24 Field Number (mm):

95 Parfocal Length (mm):

N/A Immersion Liquid:

Threading & Mounting

M26 x 36 TPI Mounting Threads:

Environmental & Durability Factors

+10 to +40 Operating Temperature (°C):

<85% with no condensation Operating Humidity:

Regulatory Compliance

[View](#) Certificate of Conformance:

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	#59-875	61	—	32	27.5	34

5XMPlan APO	#59-876	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
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