

100X EO M Plan Apo Long Working Distance Infinity Corrected



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

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

-

1

+

₹3,32,100

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SPECIFICATIONS

General

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

Type:
Microscope Objective

Style:
Infinity Corrected

Physical & Mechanical Properties	
0.24	Field of View (mm):
92.00	Length (mm):
92.00	Length excluding Threads (mm):
34	Maximum Diameter (mm):
450.00	Weight (g):
Optical Properties	
0.064mm	Horizontal Field of View, 1/2" Sensor:
0.088mm	Horizontal Field of View, 2/3" Sensor:
0.128mm	Horizontal Field of View, 1" Sensor:
2.00	Focal Length FL (mm):
100X	Magnification:
0.80	Numerical Aperture NA:
0.34	Resolving Power (μm):
0.43	Depth of Field (μm):
0.24	Field of View, 24 Diameter Field Eyepiece (mm):
3.0	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

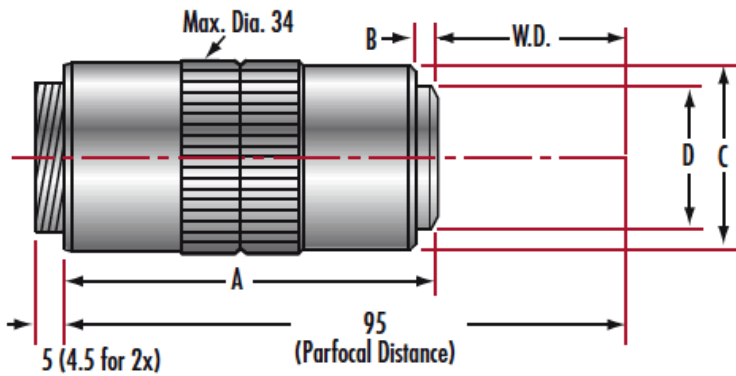
- High Quality Optics in a Plan Apochromat Design
- Long Working Distance Options
- Sub-Micron Resolving Power

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 Mtutoyo parts and can be placed directly in a system currently utilizing Mtutoyo 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



Units: mm