

100X EO M Plan Apo ULWD Infinity Corrected



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

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

-

1

+

€4.990⁰⁰

ADD TO CART

Volume Pricing	
Qty 1+	€4.990,00 each
Need More?	Request Quote

Prices shown are exclusive of VAT/local taxes

Product Downloads

General

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

Microscope ObjectiveType:

Infinity CorrectedStyle:

Physical & Mechanical Properties

Field of View (mm):

0.24	
	Length (mm):
82.00	
	Length excluding Threads (mm):
82.00	
	Maximum Diameter (mm):
34	

	Weight (g):
340.00	

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:
0.55	

	Resolving Power (µm):
0.5	
	Depth of Field (µm):
0.90	

	Field of View, 24 Diameter Field Eyepiece (mm):
0.24	
	Working Distance (mm):
13.0	

	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	

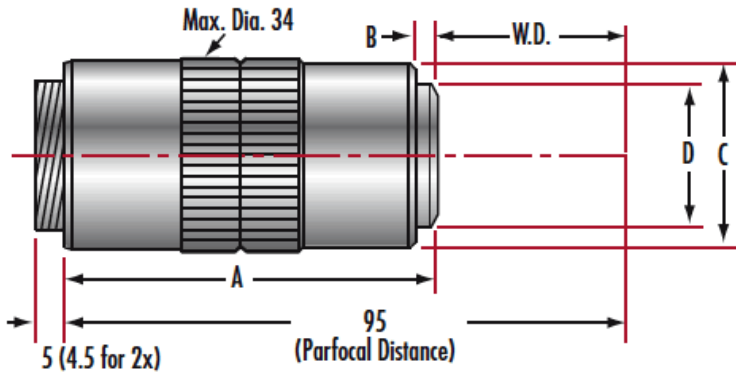
Product Details

- High Quality Optics in a Plan Apochromat Design
 - Long Working Distance Options
 - Sub-Mcron 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



Units: mm