

50X EO M Plan Apo Long Working Distance Infinity Corrected



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

Stock **#59-879** 10 In Stock

-

1

+

€2.800⁰⁰

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Volume Pricing	
Qty 1+	€2.800,00 each
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Product Downloads

General

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

Microscope ObjectiveType:

Infinity CorrectedStyle:

Physical & Mechanical Properties

Field of View (mm):

0.48	
	Length (mm):
82.00	
	Length excluding Threads (mm):
82.00	
	Maximum Diameter (mm):
34	

	Weight (g):
320	

Optical Properties

	Horizontal Field of View, 1/2" Sensor:
0.128mm	

	Horizontal Field of View, 2/3" Sensor:
0.176mm	

	Horizontal Field of View, 1" Sensor:
0.256mm	

	Focal Length FL (mm):
4.00	

	Magnification:
50X	

	Numerical Aperture NA:
0.55	

	Resolving Power (μm):
0.5	

	Depth of Field (μm):
0.90	

	Field of View, 24 Diameter Field Eyepiece (mm):
0.48	

	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 x36 TPI	

Environmental & Durability Factors

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

	Operating Humidity:
<85% with no condensation	

Regulatory Compliance

	Certificate of Conformance:
View	

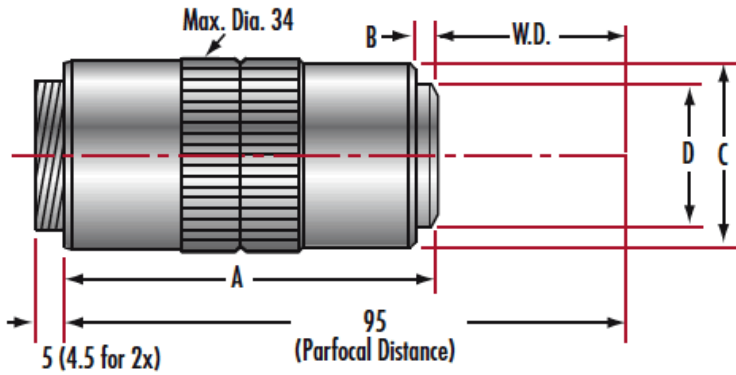
Product Details

- 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 x36 TPI. The objectives work with all Mtutoyo 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