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50X EO M Plan Apo Long Working Distance Infinity Corrected



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

Stock **#59-879** 7 In Stock

-

1

+

£2,240⁰⁰

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Volume Pricing	
Qty 1+	£2,240.00 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 x 36 TPI	

Environmental & Durability Factors

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

Regulatory Compliance

	Certificate of Conformance:
View	

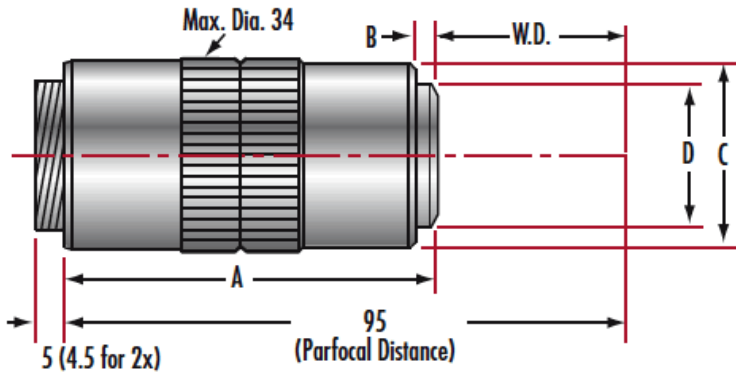
Product Details

- 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