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50X EO M Plan Apo ULWD Infinity Corrected

50X EO M Plan Apo Long Working Distance Infinity Corrected, #59-879

Stock **#59-881** **3 In Stock**

- 1 + **S$4,949**.00

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Volume Pricing	
Qty 1+	**S$4,949.00** each
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General

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

Type:
Microscope Objective

Style:
Infinity Corrected

Physical & Mechanical Properties

Field of View (mm):
0.48

Length (mm):	74.50
Length excluding Threads (mm):	74.50
Maximum Diameter (mm):	34
Weight (g):	300.00

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:	0.42
Resolving Power (µm):	0.7
Depth of Field (µm):	1.60
Field of View, 24 Diameter Field Eyepiece (mm):	0.48
Working Distance (mm):	20.5
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

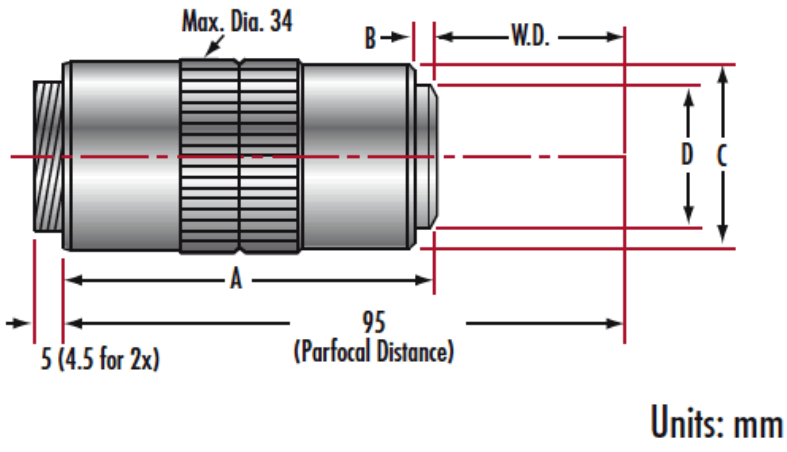
- High Quality Optics in a Plan Apochromat Design
- Long Working Distance Options
- Sub-Micron Resolving Power

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
2X M Plan APO	#59-875	61	—	32	27.5	34
5X M Plan APO	#59-876	61	—	32	25	34
10X M Plan APO	#59-877	61.5	2.2	32	25.5	34

20X M Plan APO	#59-878	75	3.2	32	26.7	34
50X M Plan APO	#59-879	82	—	32	25.5	34
100X M Plan APO	#59-880	92	—	32	26	34
50X M Plan APO ULWD	#59-881	74.5	—	32	25.5	34
100X M Plan APO ULWD	#59-882	82	—	32	26	34



Units: mm

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