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Olympus MPLN 100X Objective

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General

Model Number:
1-U2M234

Compatible Tube Lens Focal Length (mm):
Focal Length: 180mm

Type:
Microscope Objective

Style:
Infinity Corrected

Manufacturer:
Olympus

Physical & Mechanical Properties

Field of View (mm):
0.22

Length excluding Threads (mm):
44.79

Maximum Diameter (mm):
24

Weight (g):
116

Optical Properties

Compatible Cover Glass Thickness (mm):
N/A

Focal Length FL (mm):
1.80

Magnification:
100X

Numerical Aperture NA:
0.9

Resolving Power (µm):
0.37

Depth of Field (µm):
0.34

Working Distance (mm):
0.21

Wavelength Range (nm):
400 - 700

Field Number (mm):
22

Parfocal Length (mm):
45

Immersion Liquid:
N/A

Threading & Mounting

Mounting Threads:
RMS / 20.32mm x 36 TPI

Regulatory Compliance

Certificate of Conformance:
View

Country of Origin:
Japan

Imported By:
Edmund Optics India Private Limited

Product Details

- Ideal for Transmitted or Reflected Brightfield Microscopy
- Produce Flat Images Up to Field Number (F.N.) 22
- Excellent Price-to-Performance Ratio
- Additional **Olympus Infinity Corrected Objectives** Available

Olympus MPlan Achromatic Objectives are designed for brightfield observations, providing excellent contrast and optimum flatness throughout the field of view. Engineered for inspection of silicon wafers, metals, and other industrial microscopy applications, these objectives may also be used in Raman microscopes and other reflected light techniques without coverslip correction. Olympus MPlan Achromatic Objectives are available in 5X-100X magnifications and provide excellent image flatness up to F.N. 22. **Olympus Plan Achromatic Objectives** are also available for observing biological specimens.

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