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Olympus 10X WLI Objective

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- 1 + MRP ₹4,68,130

Price inclusive of all taxes

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General

WL10XMRTC **Model Number:**

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

Microscope Objective **Type:**

Infinity Corrected **Style:**

Manufacturer:

Olympus

Note:

Designed to be used with a 180mm Tube Lens, Sold Separately

Physical & Mechanical Properties

Field of View (mm):

2.2

Length excluding Threads (mm):

36.80

Maximum Diameter (mm):

29.7

Optical Properties

Focal Length FL (mm):

18.00

Magnification:

10X

Numerical Aperture NA:

0.30

Resolving Power (μm):

1.12

Depth of Field (μm):

3.06

Working Distance (mm):

8.2

Field Number (mm):

22

Parfocal Length (mm):

45

Depth of Focus (μm):

305.6

Entrance Pupil Diameter (mm):

10.80

Threading & Mounting

Mounting Threads:

RMS / 20.32mm x 36 TPI

Regulatory Compliance

RoHS 2015:

[Exempt](#)

Certificate of Conformance:

[View](#)

Country of Origin:

China

Imported By:

Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
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Product Details

- Combines High Numerical Aperture and Broad Field of View
- Thermal Compensation & Stability Features
- Suitable for 3D Surface Metrology and Profilometry

Olympus VLI Infinity Corrected Interferometry Objectives' advanced optical design combines a high numerical aperture with a broad field of view, capturing fine surface details across large areas for visual clarity. Each objective features a built-in adjustment ring that compensates for temperature-induced focused shifts, allowing stability and consistent measurement accuracy even under unstable environmental conditions. These objectives are designed to be used with a 180mm focal length tube lens and are available in magnification of 10 – 50X. Olympus VLI Infinity Corrected Interferometry Objectives are ideal for 3D surface metrology and profilometry applications, including semiconductor inspection, precision machining, optical coating evaluation, and microelectronic characterization.