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Leica HI Plan 4x Objective

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Leica Achromatic HI Plan Objectives

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General

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

Style:
Infinity Corrected

Manufacturer:
Leica

Physical & Mechanical Properties

Length (mm):
31.50

Maximum Diameter (mm):
27

Exit Pupil Diameter (mm):
11.9

Optical Properties

Compatible Cover Glass Thickness (mm):
0.17

Focal Length FL (mm):
50.00

Magnification:
4X

Numerical Aperture NA:
0.10

Resolving Power (µm):
2.73

Depth of Field (µm):
27.16

Working Distance (mm):
18.0

Field Number (mm):
20

Parfocal Length (mm):
45.0

Immersion Liquid:
Dry

Threading & Mounting

Mounting Threads:
M25 x 0.75

Regulatory Compliance

Certificate of Conformance:
View

Product Details

- Good Color Correction and Flatness of Field
- 4X to 100X Magnifications Available
- Oil Immersion Option Available
- M25 x 0.75 Threading
- **N Plan** Versions with Improved Achromatic Correction and Field Flatness Available

Leica Achromatic HI Plan Objectives are designed to provide quality chromatic correction properties and sharp image edges while maintaining an economical price point. Available in 4X, 10X, 20X, 40X, 63X, and 100X magnifications these M25 x 0.75 threaded objectives are available with field numbers up to 20mm. These objectives offer an oil immersion option with the 100x magnification version. Leica Achromatic HI Plan Objectives feature good chromatic correction at red and blue wavelengths and maintain flatness over the whole field of view. These objectives are ideal for life science and materials research, industrial quality control and failure analysis, and medical and surgical imaging applications.