

5X EO HR Infinity Corrected Objective



5X EO HR Infinity Corrected Objective (#58-371)

Stock **#58-371** **1 In Stock**

⊖ 1 ⊕ C\$3,542⁰⁰

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Volume Pricing

Qty 1-4	C\$3,542.00 each
Qty 5+	C\$3,364.20 each
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General

28-20-44-000 **Model Number:**

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

Microscope Objective **Type:**

Infinity Corrected **Style:**

Physical & Mechanical Properties

Length excluding Threads (mm):

61.00

Maximum Diameter (mm):

34

Weight (g):

210.00

Optical Properties

Horizontal Field of View, 1/2" Sensor:

1.28mm

Horizontal Field of View, 2/3" Sensor:

1.80mm

Field Stop Diameter (mm):

11.00

Focal Length FL (mm):

40.00

Magnification:

5X

Numerical Aperture NA:

0.23

Resolving Power (μm):

1.5

Depth of Field (μm):

10.90

Working Distance (mm):

34.00

Wavelength Range (nm):

400 - 700

Parfocal Length (mm):

95

Immersion Liquid:

N/A

Threading & Mounting

Mounting Threads:

M26 x 36 TPI

Environmental & Durability Factors

Operating Temperature ($^{\circ}\text{C}$):

+23 \pm 5

Operating Humidity:

30 - 70%

Regulatory Compliance

RoHS 2015:

Compliant

Certificate of Conformance:

[View](#)

Reach 235:

Compliant

Product Details

- High Resolving Power
- Designed for use in Zoom Lens Systems
- Features Mitutoyo Standard M26 x 36 TPI Threads

EO High Resolution Infinity Corrected Objectives are designed for high resolution over a small field of view. These objectives feature Mitutoyo standard M26 x 36 TPI threads and a 95mm parfocal length which allows them to be used interchangeably with Mitutoyo microscopes and accessories. While usable with Mitutoyo microscopes and accessories, these objectives perform best when used in a zoom lens system. EO High Resolution Infinity Corrected Objectives feature near-diffraction limited on axis performance. For longer working distance objectives that can be used in Mitutoyo systems, see our [EO Infinity Corrected Long Working Distance Objectives](#).

Technical Information



