

Olympus MPLFLN-BD 20X Objective

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Olympus MPLFLN-BD 20X Objective

Stock #75-243 **1 In Stock**

- 1 + £1,652.⁰⁰

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Product Downloads

General

Model Number:
MPLFLN20XBD

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

Type:
Brightfield/Darkfield

Style:
Infinity Corrected

Olympus **Manufacturer:**

Physical & Mechanical Properties

32.00 **Diameter (mm):**

1.32 **Field of View (mm):**

46.60 **Length (mm):**

42.00 **Length excluding Threads (mm):**

32.0 **Maximum Diameter (mm):**

89 **Weight (g):**

8.10 **Exit Pupil Diameter (mm):**

Optical Properties

N/A **Compatible Cover Glass Thickness (mm):**

9.00 **Focal Length FL (mm):**

20X **Magnification:**

0.45 **Numerical Aperture NA:**

0.75 **Resolving Power (μm):**

1.36 **Depth of Field (μm):**

3.00 **Working Distance (mm):**

400 - 700 **Wavelength Range (nm):**

26.5 **Field Number (mm):**

45.00 **Parfocal Length (mm):**

N/A **Immersion Liquid:**

8.10 **Entrance Pupil Diameter (mm):**

Threading & Mounting

M26 x 36 TPI **Mounting Threads:**

Regulatory Compliance

[View](#) **Certificate of Conformance:**

Product Details

- Ideal for Brightfield, DIC, Fluorescence, or Polarization Microscopy
- Long Working Distances Reduce Risk of Specimen Damage
- Excellent Transmission from 400 – 700nm
- Additional [Olympus Infinity Corrected Objectives](#) Available

Olympus MPlan Fluorite Semi Apochromat Infinity Corrected Objectives are ideal for a range of applications utilizing a variety of illumination methods. Olympus MPlan Fluorite Semi Apochromat Infinity Corrected Objectives offer long working distances to increase specimen safety, in addition to increased contrast for observation. These objectives feature standard pupil positions, which enable the use of multiple [prisms](#) or [polarizers](#) for differential interference contrast (DIC) optical microscopy applications.

Technical Information

| Stock # | Model | A | B | C | D | E | F | G | WD |
|------------|-------|---|---|---|---|---|---|---|----|
| [Redacted] | | | | | | | | | |

| | | | | | | | | | |
|---------|--------------|------|------|------|------|------|------|-----|------|
| #88-202 | LMPLFLN 5X | 22.5 | 0.3 | - | 25.4 | - | 26.0 | 4.9 | 22.5 |
| #88-203 | LMPLFLN 10X | 24.0 | 1.9 | - | 15.2 | 22.4 | 26.0 | 4.5 | 21.0 |
| #88-204 | LMPLFLN 20X | 33.0 | 3.7 | - | 17.0 | - | 26.0 | 4.8 | 12.0 |
| #88-205 | LMPLFLN 50X | 34.4 | 4.0 | - | 18.2 | - | 26.0 | 4.9 | 10.6 |
| #88-206 | LMPLFLN 100X | 41.6 | 3.8 | 0.5 | 12.5 | 18.1 | 26.0 | 4.7 | 3.4 |
| #16-880 | MPLFLN 1.25X | 41.5 | - | - | 28.6 | 29.0 | 30 | 4.9 | 3.5 |
| #39-573 | MPLFLN 2.5X | 34.3 | 2.7 | - | 24.5 | 29.0 | 30.0 | 4.9 | 10.7 |
| #88-332 | MPLFLN 5X | 25.0 | 2.5 | - | 20.9 | - | 26.0 | 4.5 | 20.0 |
| #88-333 | MPLFLN 10X | 34.0 | 5.6 | - | 14.5 | - | 26.0 | 4.5 | 11.0 |
| #23-721 | MPLFLN 20X | 42.0 | 2.63 | 2.15 | 9 | 20.4 | 26 | 4.8 | 3 |
| #23-722 | MPLFLN 50X | 42.0 | 3.4 | 1.96 | 10.3 | 19 | 26 | 4.5 | 3 |

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| Stock # | Model | A | B | C | D | E | F | G | WD |
|---------|-----------------|------|-----|-----|------|------|------|-----|------|
| #86-827 | LMPLFLN-BD 5X | 30.0 | 2.6 | 3.4 | 16.2 | 29.5 | 32.0 | 5.0 | 15.0 |
| #86-828 | LMPLFLN-BD 10X | 35.0 | 2.1 | 2.7 | 15.5 | 30.0 | 32.0 | 4.5 | 10.0 |
| #86-829 | LMPLFLN-BD 20X | 33.0 | 1.2 | 0.5 | 22.0 | 30.0 | 32.0 | 4.5 | 12.0 |
| #86-830 | LMPLFLN-BD 50X | 34.4 | 1.2 | 1.4 | 20.7 | 28.0 | 32.0 | 4.8 | 10.6 |
| #86-831 | LMPLFLN-BD 100X | 41.7 | 1.2 | 4.0 | 21.0 | 29.0 | 32.0 | 4.7 | 3.3 |

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