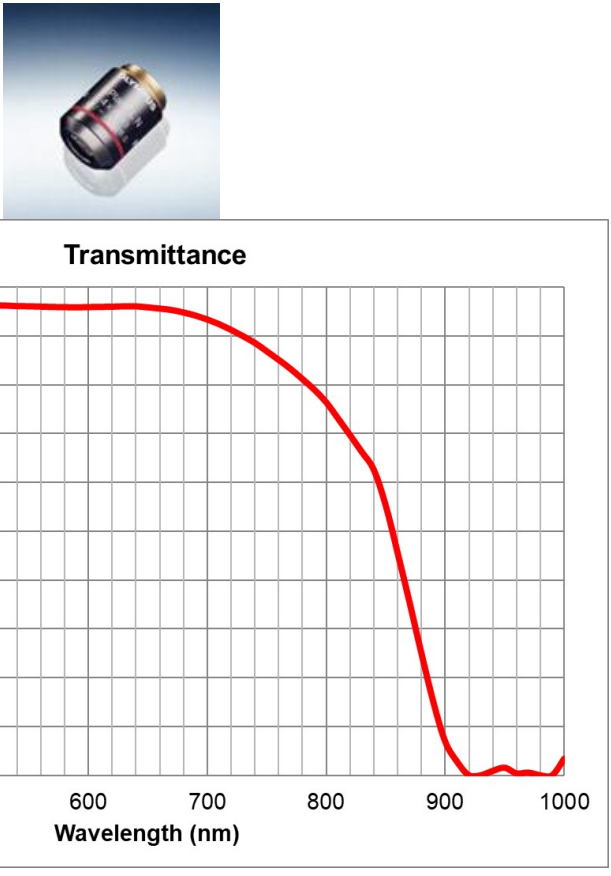
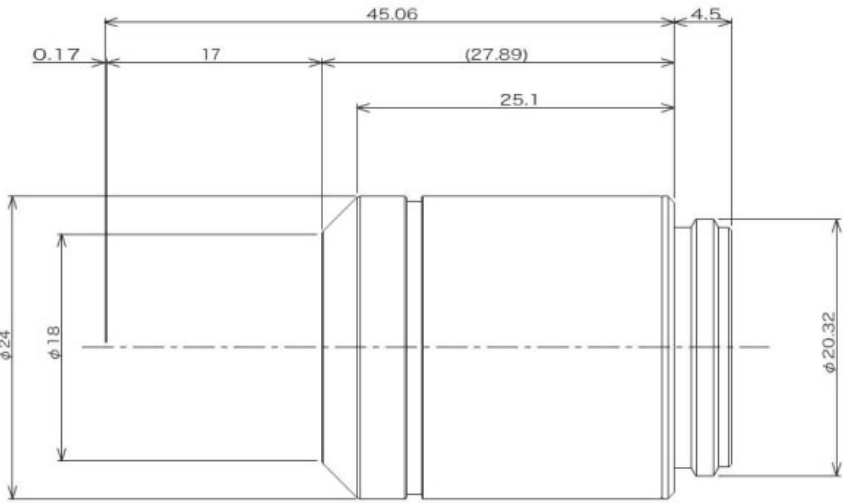


UPLFLN4X

| | |
|-------------------|--|
| Product Name | UPLFLN4X |
| Image |  <p>The image shows the UPLFLN4X objective lens, a small cylindrical component with a black barrel and a silver-colored front element. Below the image is a transmittance graph. The graph plots Transmittance (%) on the y-axis (0 to 100) against Wavelength (nm) on the x-axis (300 to 1000). The curve shows high transmittance (above 90%) from approximately 400 nm to 700 nm, with a sharp drop-off starting around 750 nm, reaching near 0% transmittance by 900 nm.</p> |
| Dimension |  <p>The technical drawing shows the lens assembly with the following dimensions: <ul style="list-style-type: none"> Total length: 45.06 Distance from front face to the start of the main barrel: 0.17 Length of the main barrel: 17 Distance from the start of the main barrel to the back of the lens: 27.89 Distance from the back of the lens to the rear flange: 4.5 Distance from the back of the lens to the center of the main barrel: 25.1 Front diameter: $\phi 24$ Main barrel diameter: $\phi 18$ Rear diameter: $\phi 20.32$ </p> |
| Inquiry | |
| Web Store | Buy Now |
| Major Application | Life Science |

Last updated: Dec 10 2020

Specifications, design and accessories are subject to change without any notice or obligation on the part of the manufacturer.

UPLFLN4X

| | |
|--|---------------------|
| Magnification [X] | 4 |
| Numerical Aperture (NA) | 0.13 |
| Working Distance (WD) [mm] | 17 |
| Objective Field Number [mm] | 26.5 |
| Cover Glass Thickness [mm] | - |
| Immersion Medium | Air/Dry |
| Spring Loaded | N/A |
| Correction Collar | N/A |
| Remarks (Correction Collar) | |
| Iris | N/A |
| Correction Level of Chromatic Aberration | Semiapochromat (FL) |
| Parfocalizing Distance [mm] | 45 |
| Back Focal Plane (BFP) Position [mm] | -1.3 |
| Type of Screw Thread | W20.32×0.706 (RMS) |
| Brightfield (Reflected) | N/A |
| Brightfield (Transmitted) | Excellent |
| Darkfield (Reflected) | N/A |
| Darkfield (Transmitted) | N/A |
| DIC (Reflected) | N/A |
| DIC (Transmitted) | N/A |
| Phase Contrast | N/A |
| Relief Contrast | N/A |

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UPLFLN4X

| | |
|--------------------------------|-----------|
| Polarization | Good |
| Fluorescence (B, G Excitation) | Excellent |
| UV Fluorescence (at 365 nm) | Excellent |
| Multiphoton | N/A |
| TIRF | N/A |
| IR | N/A |
| WLI | N/A |
| Auto Focus | N/A |
| Product Number | N1478300 |
| UPC Code | 1-U2B522 |

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