

# PLAPON1.25X

<b>Product name</b>	PLAPON1.25X
<b>Image</b>	 <p>The image shows a small cylindrical objective lens and a graph of its transmittance. The graph plots Transmittance (%) on the y-axis (0 to 100) against Wavelength (nm) on the x-axis (300 to 1000). The transmittance is near 0% from 300 to 400 nm, rises sharply to about 95% at 450 nm, remains high until 700 nm, and then gradually decreases to about 20% at 1000 nm.</p>
<b>Dimension</b>	 <p>The technical drawing shows a side view of the objective lens with various dimensions labeled in millimeters. Key dimensions include a total length of 46.00 mm, a diameter of 20.32 mm, and a mounting thread of W20.32x0.706.</p>
<b>Inquiry</b>	<a href="#">Contact us</a>
<b>Major application</b>	<ul style="list-style-type: none"> <li>Life Science</li> </ul>
<b>Magnification [X]</b>	1.25
<b>Numerical aperture (NA)</b>	0.04
<b>Working distance (WD) [mm]</b>	5
<b>Objective field number [mm]</b>	26.5
<b>Cover glass thickness [mm]</b>	-
<b>Immersion medium</b>	Air/Dry
<b>Spring loaded</b>	N/A
<b>Correction collar</b>	N/A
<b>Remarks (Correction collar)</b>	
<b>Iris</b>	N/A
<b>Correction level of chromatic aberration</b>	Apochromat (APO)
<b>Parfocalizing distance [mm]</b>	45
<b>Back focal plane (BFP) position [mm]</b>	-
<b>Type of screw thread</b>	W20.32×0.706 (RMS)
<b>Brightfield (Reflected)</b>	N/A
<b>Brightfield (Transmitted)</b>	Excellent
<b>Darkfield (Reflected)</b>	N/A
<b>Darkfield (Transmitted)</b>	N/A
<b>DIC (Reflected)</b>	N/A
<b>DIC (Transmitted)</b>	N/A
<b>Phase contrast</b>	N/A
<b>Relief contrast</b>	N/A
<b>Polarization</b>	Limitation
<b>Fluorescence (B, G excitation)</b>	Good

Last updated: Jun 03 2022

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

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<b>UV fluorescence (at 365 nm)</b>	N/A
<b>Multiphoton</b>	N/A
<b>TIRF</b>	N/A
<b>IR</b>	N/A
<b>WLI</b>	N/A
<b>Auto focus</b>	N/A
<b>Product number</b>	N1480100
<b>UPC code</b>	1-U2B920

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