
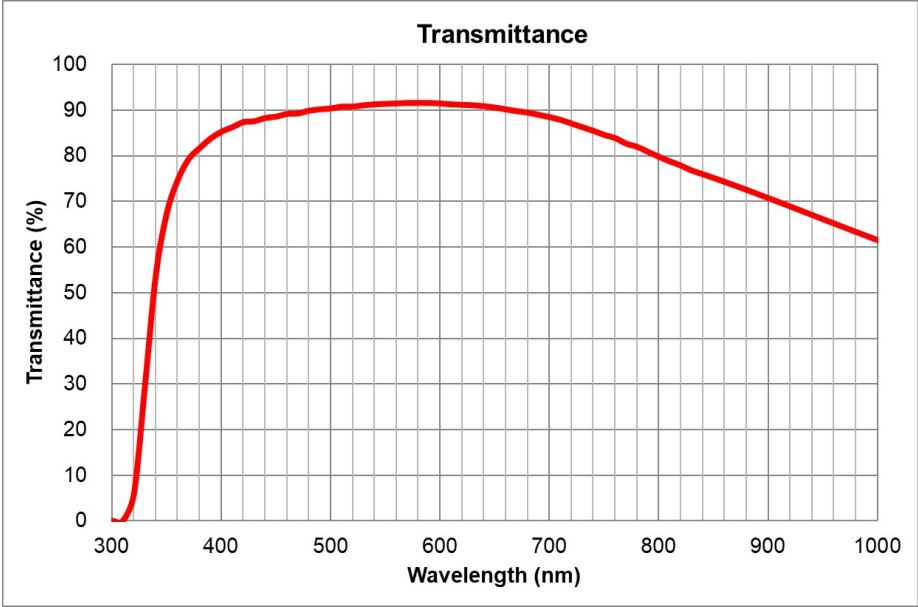
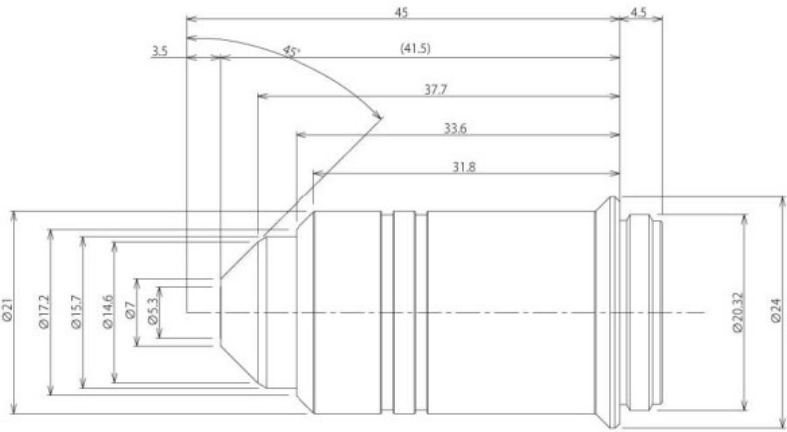


# UMPLFLN20XW

Product Name	UMPLFLN20XW
Image	  <p><b>Transmittance</b></p> <p>The graph plots Transmittance (%) on the y-axis (0 to 100) against Wavelength (nm) on the x-axis (300 to 1000). The transmittance curve starts at 0% at 300 nm, rises sharply to approximately 85% at 400 nm, reaches a peak of about 92% between 500 nm and 600 nm, and then gradually declines to approximately 62% at 1000 nm.</p>
Dimension	 <p>Technical drawing showing the dimensions of the objective lens. Key dimensions include:</p> <ul style="list-style-type: none"> <li>Overall length: 45 mm</li> <li>Distance from tip to center of lens: 37.7 mm</li> <li>Distance from tip to rear lens: 33.6 mm</li> <li>Distance from tip to front lens: 31.8 mm</li> <li>Distance from tip to the 45° angle: 3.5 mm</li> <li>Distance from tip to the (41.5) mark: 41.5 mm</li> <li>Distance from tip to the 4.5 mm mark: 4.5 mm</li> <li>Front lens diameter: <math>\varnothing 21</math></li> <li>Front lens inner diameter: <math>\varnothing 17.2</math></li> <li>Front lens outer diameter: <math>\varnothing 15.7</math></li> <li>Front lens thickness: <math>\varnothing 14.6</math></li> <li>Front lens inner diameter: <math>\varnothing 7</math></li> <li>Front lens outer diameter: <math>\varnothing 5.3</math></li> <li>Rear lens diameter: <math>\varnothing 20.32</math></li> <li>Rear lens thickness: <math>\varnothing 2.4</math></li> </ul>
Demande de renseignements	
Application principale	Sciences de la vie
Grossissements	20

Last updated: déc. 10 2020

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

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Ouverture numérique (ON)	0,5
Distance focale (mm)	3,5
Indice de champ de l'objectif (mm)	26.5
Épaisseur de la lamelle couvre-objet (mm)	0
Liquide d'immersion	Eau
Ressort	S/O
Bague de correction	S/O
Remarks (Correction Collar)	
Diaphragme à iris	S/O
Niveau de correction des aberrations chromatiques	Semi apochromatique (FL)
Distance parfocale (mm)	45
Position du plan focal arrière (mm)	-19.1
Type de filetage	W20.32×0.706 (RMS)
Fond clair (lumière réfléchie)	S/O
Fond clair (lumière incidente)	Excellent
Fond noir (lumière réfléchie)	S/O
Fond noir (lumière incidente)	Bon
Par contraste interférentiel différentiel (DIC) [lumière réfléchie]	S/O
Par contraste interférentiel différentiel (DIC) [lumière incidente]	Bon
Contraste de phase	S/O
Contraste en relief	S/O
Lumière polarisée	Bon
Fluorescence (Excitation B, V)	Excellent

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**UMPLFLN20XW**

Fluorescence UV (à 365 nm)	Excellent
Multiphoton	S/O
TIRF	S/O
IR	S/O
WLI	S/O
Autofocus (IX3-ZDC2)	S/O
Product Number	N2667600
UPC Code	1-U2M585