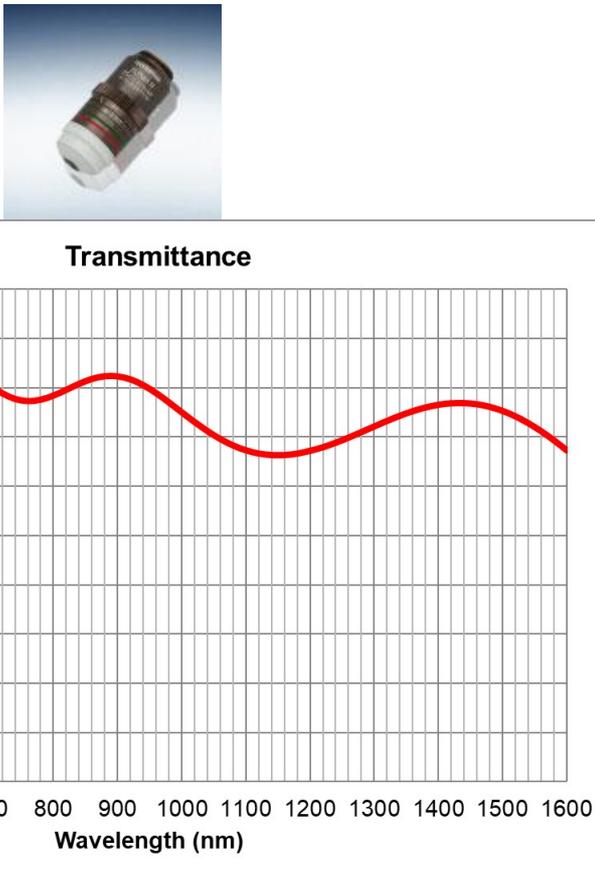
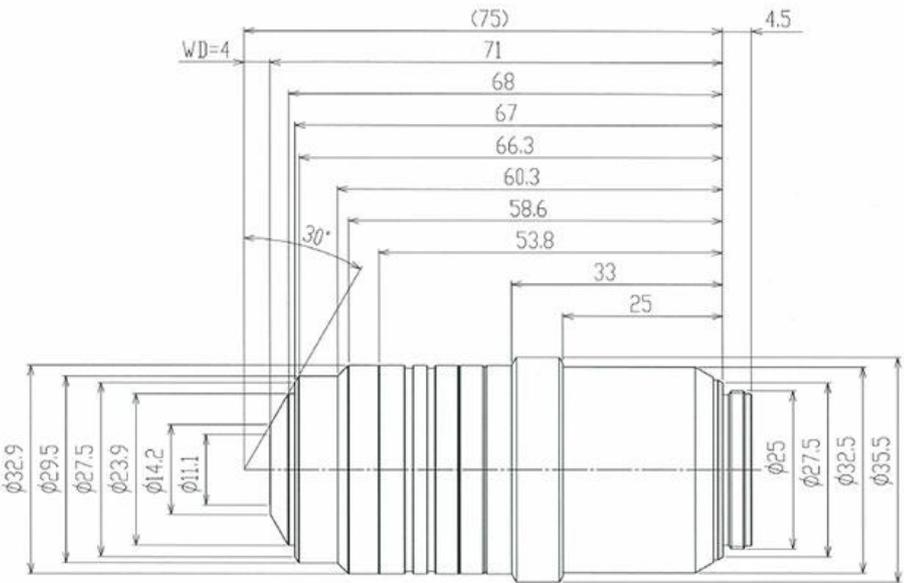


XLPLN25XSVMP2

Product Name	XLPLN25XSVMP2
Image	 <p>The image shows the 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 1600). The transmittance curve starts at 0% at 300 nm, rises sharply to about 85% at 400 nm, and then fluctuates between 75% and 90% up to 1600 nm.</p>
Dimension	 <p>The technical drawing shows the objective lens with various dimensions. Key dimensions include: <ul style="list-style-type: none"> Overall length: 75 mm (with a note <math>WD=4</math>) Front diameter: $\phi 32.9$ mm Front diameter (inner): $\phi 29.5$ mm Front diameter (middle): $\phi 27.5$ mm Front diameter (inner): $\phi 23.9$ mm Front diameter (inner): $\phi 14.2$ mm Front diameter (inner): $\phi 11.1$ mm Front diameter (back): $\phi 25$ mm Front diameter (back): $\phi 27.5$ mm Front diameter (back): $\phi 32.5$ mm Front diameter (back): $\phi 35.5$ mm Back diameter: 4.5 mm Other lengths: 71, 68, 67, 66.3, 60.3, 58.6, 53.8, 33, 25 mm Angle: 30° </p>
Inquiry	
Line	A Line
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.

XLPLN25XSVMP2

Magnification [X]	25
Numerical Aperture (NA)	1
Working Distance (WD) [mm]	4
Objective Field Number [mm]	18
Cover Glass Thickness [mm]	0 - 0.23
Remarks (Cover Glass Thickness)	0mm Only @Refractive Index = 1.4
Immersion Medium	SCALEVIEW-A2 (Water, and Silicone oil available)
Spring Loaded	N/A
Correction Collar	Yes
Remarks (Correction Collar)	Brain sample index mismatch Refractive index of immersion: 1.33 - 1.4 Cover Glass: 0 - 0.23mm
Iris	N/A
Correction Level of Chromatic Aberration	-
Parfocalizing Distance [mm]	75
Back Focal Plane (BFP) Position [mm]	-48.1
Type of Screw Thread	M25×0.75
Brightfield (Reflected)	N/A
Brightfield (Transmitted)	Limitation
Darkfield (Reflected)	N/A
Darkfield (Transmitted)	N/A
DIC (Reflected)	N/A
DIC (Transmitted)	Limitation

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Phase Contrast	N/A
Relief Contrast	N/A
Polarization	Limitation
Fluorescence (B, G Excitation)	Limitation
UV Fluorescence (at 365 nm)	N/A
Multiphoton	Excellent
TIRF	N/A
IR	N/A
WLI	N/A
Auto Focus	N/A
Product Number	N5165000
UPC Code	FV-U2B985