


Objective data

📄 Brochure: Objectives from Carl Zeiss (5 MB)

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Objective Class: W Plan-Apochromat
Apochromatically corrected objectives especially for electrophysiology →

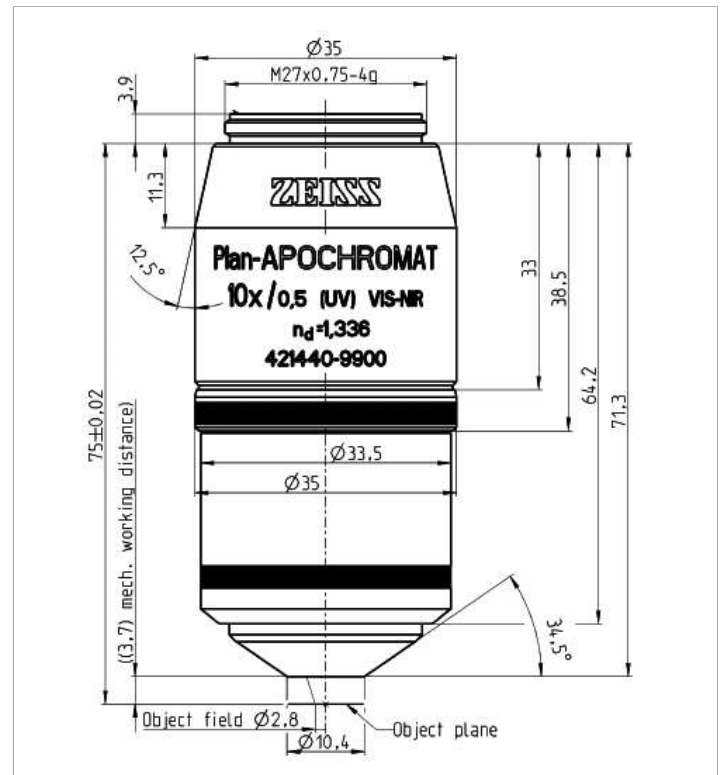
 → Transmittance curve	Objective W Plan-Apochromat 10x/0.5 M27 75mm
	421440-9900-000
	<input type="checkbox"/> Basket
Price	£ 7 144.00
Magnification	10x
Numerical Aperture	0.5
Free Working Distance [mm]	3.7
Coverglass Thickness [mm]	0
Thread Type	M27x0.75
Immersion	Water
Field of View [mm]	20
Parfocal Length [mm]	75.00
Long Distance (LD)	
Correction Ring (Corr)	
Iris (Iris)	
Optical System	Infinity Color Corrected System (ICS)
Flatness	★★★★★
Color Correction	★★★★★
Biomedical Applications	
Fluorescence	■
- Multichannel	★★★★★
- Ultraviolet Transmission	★★★★
- Infra Red Transmission	★★★★
BrightField (B)	■
Differential Interference Contrast (DIC)	
High Contrast DIC (HC DIC)	
PlasDIC Contrast	
Phase Contrast (PH)	
VAREL Contrast	
Hoffman Modulation Contrast (HMC)	
Polarization Contrast (POL)	
Materials (Reflected Light) Applications	
BrightField (B)	
BrightField/DarkField (BD)	
Reflected Light DIC (RL DIC)	
High Contrast DIC (HC DIC)	
DIC with circular polarized light (C-DIC)	
Total Interference Contrast (TIC)	
Polarization Contrast (POL)	
Options	
Definite Focus.2	
Confocal Microscopy	■
- Ultra Violet	★★★★
- VIS (visible light)	★★★★★
NLO-IR / 2 Photon	★★★★
Total Internal Reflection Fluorescence (TIRF)	

Objective W Plan-Apochromat 10x/0.5 M27 75mm

We are sorry, there is no product image available.

Objective W Plan-Apochromat 10x/0.5 M27 75mm parfocal length 75mm, (FWD=3.7mm), (UV) VIS-IR

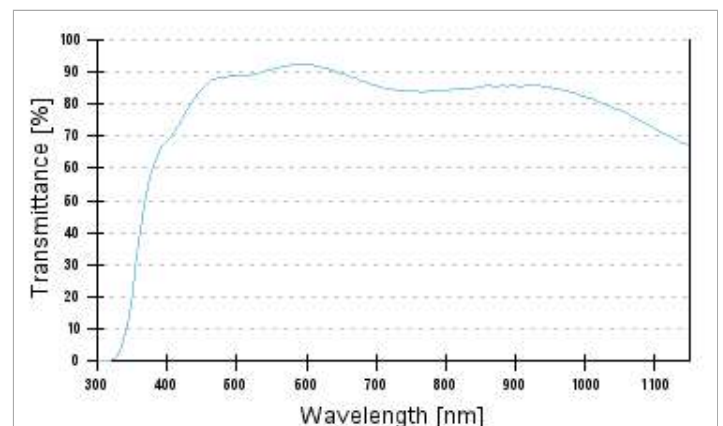
Mechanical Dimensions



All measures in [mm]

mech. Arbeitsabstand = mechanical working distance
 Deckglas = cover glass
 Objektebene = object plane
 Objektfeld = object field
 Ausleuchtung = illumination
 Probenzugänglichkeit = specimen accessibility

Transmittance curve



Please note that due to production tolerances, the given values are typical only and not guaranteed.

ApoTome	
Microdissection	

Note

Due to its large parfocal length this objective can be used with the microscopes "Axio Examiner.D1" and "Axio Examiner.Z1" only .
This objective is designed for dipping into physiologic salt solution.