



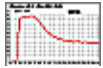
Objectives

Carl Zeiss Objectives Information

- [Description of Classes of Objectives](#)
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→ [Transmittance curve](#)

Magnification	2.5x
Numerical Aperture	0.075
Working Distance [mm]	9.5
Coverglass Thickness [mm]	0.17
Thread Type	W0.8x1/36"
Immersion	Without Immersion
Field of View [mm]	25
Parfocal Length [mm]	45.06
Long Distance [LD]	
Correction Ring [Korr]	
Iris [Iris]	

Optical System

Infinity-Color-Corrected System (ICS)

Flatness



Color Correction



Biomedical Applications

Fluorescence

- Multichannel
- Ultraviolet Transmission
- Infra Red Transmission



BrightField [H]



Differential Interference Contrast [DIC]

High Contrast DIC [HC DIC]

Polarization-Optical DIC [PlasDIC]

Phase Contrast [PH]

VAREL Contrast

Hoffman Modulation Contrast [HMC]

Polarization Contrast [POL]

Materials- (Reflected Light) Applications

BrightField [H]



BrightField/DarkField [HD]

Reflecting Light DIC [RL DIC]

High Contrast DIC [HC DIC]

Circular polarized light DIC [C-DIC]

Total Interference Contrast [TIC]

Polarization Contrast [POL]

Recommended for:

Confocal Microscopy

- Ultra Violet
- VIS (visible light)



NLO-IR / 2 Photon

Total Internal Reflection Fluorescence [TIRF]

ApoTome

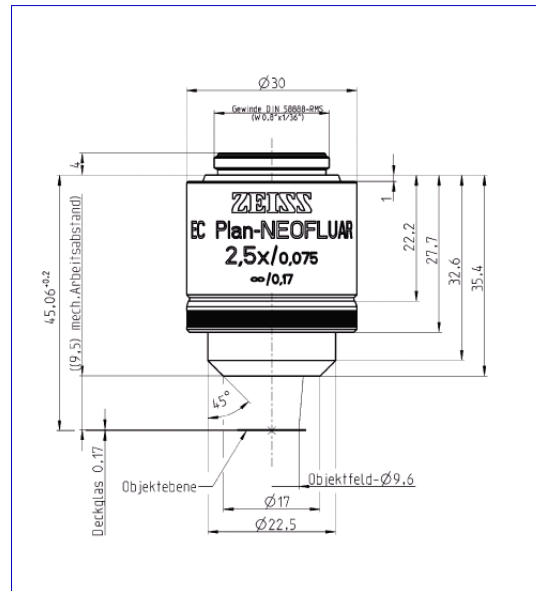
Microdissection

Objective Class: EC Plan-Neofluar



Best universal objectives, ideal for fluorescence, high transmission

Mechanical Dimensions



All measures in [mm]

mech.Arbeitsabstand = mechanical working distance

Deckglas = cover glass

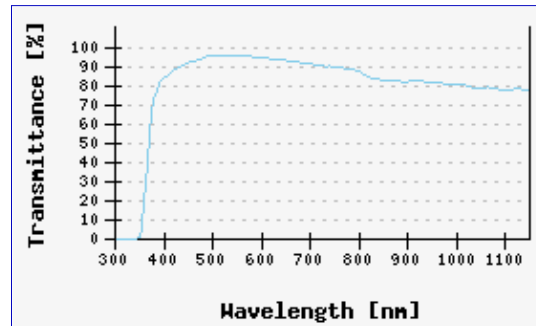
Objektbene = object plane

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.

Fitting Accessories for

440310-9903-000 Objective EC "Plan-Neofluar" 2.5x/0.075

Other Accessories

Adapter M 27x0.75 / W 0.8 H "0"

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[→ Picture](#)

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