



Objectives

Carl Zeiss Objectives Information

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Magnification

40x

Numerical Aperture

0.65

Working Distance [mm]

0.59

Coverglass Thickness [mm]

0.17

Thread Type

W0.8x1/36"

Immersion

Without Immersion

Field of View [mm]

23

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 "Achromplan" 40x/0.65

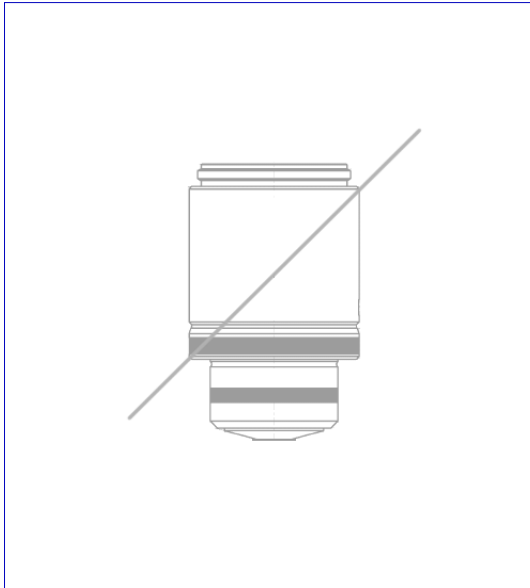
440050-0000-000

Objective Class: Achromplan



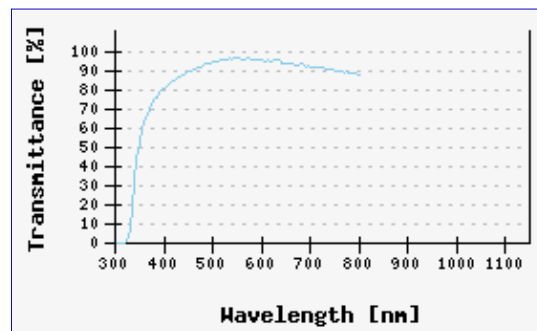
Objectives in many versions for
diverse applications

Mechanical Dimensions



no mechanical drawing available

Transmittance curve



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

Fitting Accessories for

440050-0000-000 Objective "Achromplan" 40x/0.65

Other Accessories

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

000000-1095-168

[→ Picture](#)

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