

Objectifs (ouverture numérique du condenseur: 0.55)				Résolution de l'objectif en xy pour λ_{Ex} de 500 nm (nm)		Corrections chromatiques	Transmittance
	Ouverture Numérique (N.A.)	Épaisseur du couvre-objet (mm)	Distance de travail (mm)	En fond clair = $1.22\lambda / [NA_{Obj} + NA_{Con}]$	En fluorescence = $1.22\lambda / NA_{Con}$	λ (nm)	λ (nm)
N-Achroplan 5X	0.15	0.17	12	871	4067	ICS	Non disponible
N-Achroplan 10X	0.25	0.17	6.5	763	2440	ICS	Non disponible
Plan-Apochromat 20X	0.8	0.17	0.55	452	763	ICS	Voir courbe
Objectifs à l'huile							
Plan-Apochromat 40X	1.4	0.17	0.13	313	436	ICS	Voir courbe
Plan-Apochromat 63X	1.4	0.17	0.19	313	436	ICS	Voir courbe

	Objective N-Achroplan 5x/0.15 Ph1 M27
	420931-9911-000
	<input type="button" value="Basket"/>
Price	→ Price
Magnification	5x
Numerical Aperture	0.15
Free Working Distance [mm]	12.0
Coverglass Thickness [mm]	0.17
Thread Type	M27x0.75
Immersion	Without Immersion
Field of View [mm]	23
Parfocal Length [mm]	45.06
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)	Ph 1
VAREL Contrast	
Hoffman Modulation Contrast (HMC)	
Polarization Contrast (POL)	

Options	
Definite Focus.2	
Confocal Microscopy	■
- Ultra Violet	★
- VIS (visible light)	★
NLO-IR / 2 Photon	★
Total Internal Reflection Fluorescence (TIRF)	
ApoTome	
Microdissection	

	Objective N-Achroplan 10x/0.25 Ph1 M27
	420941-9911-000
	<input type="button" value="Basket"/>
Price	→ Price
Magnification	10x
Numerical Aperture	0.25
Free Working Distance [mm]	6.5
Coverglass Thickness [mm]	0.17
Thread Type	M27x0.75
Immersion	Without Immersion
Field of View [mm]	23
Parfocal Length [mm]	45.06
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)	Ph 1
VAREL Contrast	
Hoffman Modulation Contrast (HMC)	
Polarization Contrast (POL)	

Options	
Definite Focus.2	
Confocal Microscopy	■
- Ultra Violet	★
- VIS (visible light)	★
NLO-IR / 2 Photon	★
Total Internal Reflection Fluorescence (TIRF)	
ApoTome	
Microdissection	



→ Transmittance curve

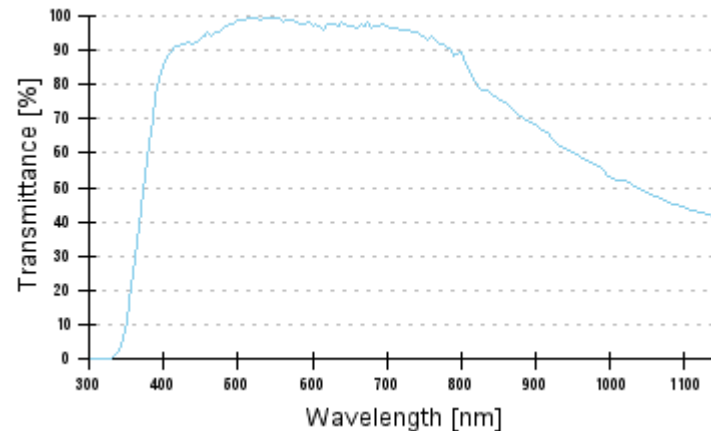
Objective Plan-Apochromat 20x/0.8 M27

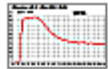
420650-9901-000

Basket

Price	→ Price
Magnification	20x
Numerical Aperture	0.8
Free Working Distance [mm]	0.55
Coverglass Thickness [mm]	0.17
Thread Type	M27x0.75
Immersion	Without Immersion
Field of View [mm]	25
Parfocal Length [mm]	45.06
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)	

Options	
Definite Focus.2	★★
Confocal Microscopy	■
- Ultra Violet	★★★★
- VIS (visible light)	★★★★★
NLO-IR / 2 Photon	★★
Total Internal Reflection Fluorescence (TIRF)	
ApoTome	■
Microdissection	■





→ Transmittance curve

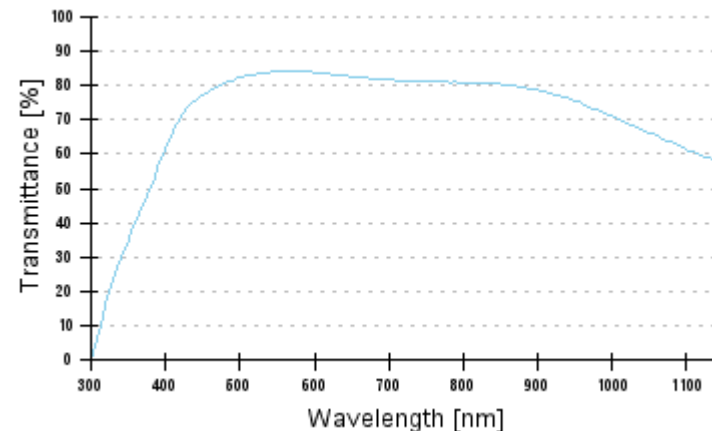
Objective Plan-Apochromat 40x/1.4 Oil DIC M27

420762-9900-000

Basket

Price	→ Price
Magnification	40x
Numerical Aperture	1.4
Free Working Distance [mm]	0.13
Coverglass Thickness [mm]	0.17
Thread Type	M27x0.75
Immersion	Oil
Field of View [mm]	25
Parfocal Length [mm]	45.06
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)	

Options	
Definite Focus.2	★★★★
Confocal Microscopy	■
- Ultra Violet	★★★★
- VIS (visible light)	★★★★★
NLO-IR / 2 Photon	★★
Total Internal Reflection Fluorescence (TIRF)	
ApoTome	■
Microdissection	■





→ Transmittance curve

Objective Plan-Apochromat 63x/1.4 Oil DIC M27

420782-9900-000

Basket

Price	→ Price
Magnification	63x
Numerical Aperture	1.4
Free Working Distance [mm]	0.19
Coverglass Thickness [mm]	0.17
Thread Type	M27x0.75
Immersion	Oil
Field of View [mm]	25
Parfocal Length [mm]	45.06
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)	

Options	
Definite Focus.2	★★★★
Confocal Microscopy	■
- Ultra Violet	★★★★
- VIS (visible light)	★★★★★
NLO-IR / 2 Photon	★★
Total Internal Reflection Fluorescence (TIRF)	
ApoTome	■
Microdissection	■

