

Objectives (Zeiss)	Magnification	Immersion Type	N.A.	Working Distance (mm)	Location(s)
EC Plan-Neofluar 2.5x/0.085 M27 (420320-9902)	2.5x	Air	0.085	8.8	TGXS
EC Plan-Neofluar 2.5x/0.075 (440310-9903)	2.5x	Air	0.075	9.5	Storage
LSFM 5x/0.1 (400900-9010)	5x	Air	N/A	N/A	Lightsheet Z.1 (2)
EC Plan-Neofluar 5x/0.16 (420330-8210)	5x	Air	0.16	18.5	Lightsheet Z.1
Plan-Apochromat 5x/0.16 M27 (420630-9900)	5x	Air	0.16	12.1	Axio Imager.Z1 with ApoTome.2
Apo Calibration LSM (420639-9000-700)	5x	Air	N/A	N/A	Storage
Fluar 5x/0.25 (440125-0000)	5x	Air	0.25	12.5	Storage
LSFM 10x/0.2 (400900-9000)	10x	Air	N/A	N/A	Lightsheet Z.1 (2)
LSFM clearing 10x/0.2 (400900-9000-710)	10x	Air	N/A	N/A	Lightsheet Z.1 (2)
EC Plan-Neofluar 10x/0.30 M27 (420340-9900)	10x	Air	0.3	5.5	Storage
EC Plan-Neofluar 10x/0.3 M27 (420340-9901)	10x	Air	0.3	5.2	LSM 880 with Airyscan, LSM 800, Axio Imager.Z1 with ApoTome.2, TGXS
EC Plan-Neofluar 10x/0.3 Ph1 M27 (420341-9911)	10x	Air	0.3	5.2	Storage
Plan-Apochromat 10x/0.45 M27 (420640-9900)	10x	Air	0.45	2.0	Axio Imager.Z1 with ApoTome.2
Plan-Apochromat 10x/0.45 M27 (420640-9901)	10x	Air	0.45	2.0	LSM 880 NLO
W N-Achroplan 10x/0.3 M27 (420947-9900)	10x	Water-dipping	0.3	2.6	Storage
Objective W Plan-Apochromat 10x/0.5 M27 75mm (421440-9900)	10x	Water-dipping	0.5	3.7	Lightsheet Z.1

C-Apochromat 10x/0.45 W M27 (421747-9900)	10x	Water	0.45	1.8	Storage
LD Achrostatigmat 20x/0.3 Ph1 (440147)	20x	Air	0.3	1.0 – 2.2	Storage
EC Plan-Neofluar 20x/0.50 M27 (420350-9900)	20x	Air	0.5	2.0	TGXS
Plan-Apochromat 20x/0.8 M27 (420650-9901)	20x	Air	0.8	0.55	LSM 880 with Airyscan, LSM 800, Axio Imager.Z1 with ApoTome.2, TGXS, Pannoramic 250
Plan-Apochromat 20x/0.8 M27 (420650-9902)	20x	Air	0.8	0.55	LSM 880 NLO
Plan-Apochromat 20x/0.8 Ph2 M27 (420651-9911)	20x	Air	0.8	0.55	Storage
W Plan-Apochromat 20x/1.0 Corr DIC M27 75mm (421452-9700)	20x	Water-dipping	1.0	2.4	Lightsheet Z.1
W Plan-Apochromat 20x/1.0 DIC M27 75mm (421452-9800)	20x	Water-dipping	1.0	1.8	LSM 880 NLO
Clr Plan-Neofluar 20x/1.0 Corr nd=1.45 M32 85mm (421459-9970)	20x	Clearing	1.0	5.6	Lightsheet Z.1
LD LCI Plan-Apochromat 25x/0.8 Imm Corr DIC M27 (420852-9870)	25x	Water, Silicone oil, Gly, Oil	0.8	0.57 @#1.5	LSM 880 with Airyscan
LD LCI Plan-Apochromat 25x/0.8 Imm Corr DIC M27 (420852-9871)	25x	Water, Silicone oil, Gly, Oil	0.8	0.57 @#1.5	LSM 800, LSM 880 NLO
EC Plan-Neofluar 40x/1.30 Oil DIC M27 (420462-9900)	40x	Oil	1.3	0.21	LSM 880 with Airyscan, LSM 800
Plan-Apochromat 40x/0.95 Corr M27 (420660-9970)	40x	Air	0.95	0.25	Axio Imager.Z1 with ApoTome.2, TGXS
Plan-Apochromat 40x/1.3 Oil DIC M27 (420762-9800-799)	40x	Oil	1.3	0.21	LSM 880 NLO
W Plan-Apochromat 40x/1.0 DIC M27 (421462-9900)	40x	Water-dipping	1.0	2.5	Axio Imager.Z1 with ApoTome.2, Storage



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C-Apochromat 40x/1.2 W Corr M27 (421767-9970)	40x	Water	1.2	0.28 @#1.5	LSM 800, Storage
C-Apochromat 40x/1.2 W Corr M27 (421767-9971)	40x	Water	1.2	0.28 @#1.5	LSM 880 with Airyscan
LD C-Apochromat 40x/1.1 W Corr M27 (421867-9970)	40x	Water	1.1	0.62 @#1.5	Storage
Plan-Apochromat 63x/1.4 Oil DIC M27 (420782-9900)	63x	Oil	1.4	0.19	Axio Imager.Z1 with ApoTome.2, Storage (2)
Plan-Apochromat 63x/1.4 Oil DIC M27 (420782-9900-799)	63x	Oil	1.4	0.19	LSM 880 with Airyscan, LSM 800, LSM 880 NLO
alpha Plan-Apochromat 100x/1.46 Oil DIC M27 (420792-9800)	100x	Oil	1.4	0.11	Storage
Plan-Apochromat 100x/1.40 Oil DIC M27 (420792-9900)	100x	Oil	1.4	0.17	Storage
alpha Plan-Fluar 100x/1.49 Oil M27 (421190-9800)	100x	Oil	1.49	0.08	Storage
Plan-Apochromat 100x/1.40 Oil DIC (440782-9902)	100x	Oil	1.4	0.17	Storage

Objectives (Nikon)	Magnification	Immersion Type	N.A.	Working Distance (mm)	Location(s)
CFI Plan Fluor 10X (MRH00101)	10x	Air	0.3	16	LLSM (2)
CFI Plan Apo Lambda 10X (MRD00105)	10x	Air	0.45	4.0	Eclipse Ti
CFI Plan Apo Lambda 20X (MRD00205)	20x	Air	0.75	1.0	Eclipse Ti
CFI Plan Apo LWD 25X (MRD77220)	25x	Water-dipping	1.1	2.0	LLSM (2)
CFI Plan Fluor 40X Oil (MRH01401)	40x	Oil	1.3	0.2	Eclipse Ti
CFI Plan Apo VC 60XWI (MRD07602)	60x	Water	1.2	0.31 – 0.28	Eclipse Ti, Storage
CFI Plan Apo VC 60X Oil (017DICN2WD013)	60x	Oil	1.4	0.13	Storage



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CFI Plan Apo Lambda 60X Oil (MRD01605)	60x	Oil	1.4	0.13	Eclipse Ti
CFI Plan Apo Lambda 100X Oil (MRD01905)	100x	Oil	1.45	0.13	Storage

Objectives (Olympus)	Magnification	Immersion Type	N.A.	Working Distance (mm)	Location(s)
PLAPON2X	2x	Air	0.08	6.2	BX51
UPLFLN4X	4x	Air	0.13	17.0	BX51
UPLFLN10X	10x	Air	0.3	10.0	BX51
UPLSAPO100XO	100x	Air	1.4	0.13	BX51
MVPLAPO0.63X	4 – 40x	Air	0.15	87.0	MVX10
MVPLAPO1X	6.3 – 63x	Air	0.25	65.0	MVX10 (2)
MVPLAPO2XC	12.5 – 125x	Air	0.5	20.0	MVX10 (2)

Objectives (Special Optics)	Magnification	Immersion Type	N.A.	Working Distance (mm)	Location(s)
Custom (HH-PO159319)	N/A	Water-dipping	0.65	3.74	LLSM (2)