

## The objectives and the filters for the Olympus FV1200 inverted type

### 1. Objectives

No.	Name	Mag.	Immersion	N. A.	W.D. (mm)
1	UPlanSApo 10x	10	none	0.40	3.1
2	UPlanSApo 20x	10	None	0.75	0.6
3	UPlanSApo 40x	40	None	0.95	0.18
4	UPlanSApo 60x	60	Oil	1.35	0.15
5	UPlanSApo 60xSil	60	Silicone oil	1.30	0.3

Mag.: Magnification, N. A.: Numerical Aperture, W. D.: Working Distance

### 2. Filter cubes for the GaAsP detectors for confocal imaging

Name	Excitation Laser (nm)	Ch1 (nm)	SDM (nm)	Ch2 (nm)
FV12-MHSY	473/559	BA490-540 (GFP etc.)	DM560	BA575-675 (mCherry etc.)
FV12-MHYR	559/635	BA575-620 (mCherry etc.)	DM640	BA655-755 (Cy5 etc.)

### 3. Filter cubes for the non-descanned detectors for 2-photon imaging

Barrier filter for GaAsP1 (nm)	Dichroic mirror (nm)	Barrier filter for GaAsP2 (nm)
BA520-560 (Venus etc.)	DM570	BA575-630 (mCherry etc.)