

## The objectives and the filters of the Olympus FVMPE-RS

### 1. Objectives

No.	Name	Mag.	Immersion	N. A.	W. D. (mm)
1	UMPLFLN10XW	10	water	0.3	3.5
2	XLPLN25XWMP2	25	water	1.05	2
3	LUMPLFLN40XW	40	water	0.8	3.3

### 2. Filter for 2-photon imaging

Name	Emission 1 (nm)	Dichroic mirror (nm)	Emission 2 (nm)
FV30-FVG	410-455	475	495-540
FV30-FCY	460-500	505	520-560
FV30-FGR	495-540	570	575-645
FV30-FRCY5	575-645	650	660-750

### 3. Filter for visual observation

名称	Excitation filter (nm)	Dichroic mirror (nm)	Emission filter (nm)	Fluorescence dye
IX3-FBVWXL	400-440	455	460	CFP etc.
IX3-FGFPXL	460-480	490	495-540	GFP etc.
IX3-FGWXL	530-550	570	575	DsRed etc.