

VLF (Variable Linear Filter System)

YSL Photonics' VLF wavelength selection system is based on the linear variable filter technology, offering tunable wavelength from 400nm to 840nm. Moreover, the linewidth could be varied from 10-300nm, making it an ideal solution for fluorescence microscopy, nanophotonics and other application areas.

The standard output of the VLF is a free-space collimated beam, as an option, the output can also be single mode fiber with FC connector.

Features:

- Wavelength range: 400-840nm
- Linewidth range: 10-300nm
- Optional single mode fiber output

Applications:

- FLIM
- Nanophotonics
- Photocurrent microscopy



Specifications:

VLF	
Central wavelength range	400nm~840nm
Channel Spectral Bandwidth	10nm~>300nm
Transmission Efficiency	>80%
Input	Plug & Play to YSL Collimator
Output	Free-space collimated or fiber delivery
Fiber Coupling Efficiency	>30%
Polarization	Random polarized

