



## holoOPTIX<sup>®</sup> STRATA

High-performance holographic notch filters

holoOPTIX<sup>®</sup> STRATA is a range of patented holographic notch filters in industry standard 1" diameter form factor. These filters offer narrow, high optical density stop bands paired with high transmission in the pass band. This makes them ideally suited to blocking laser sources in fluorescence or Raman spectroscopy instruments. Unlike typical dielectric notch filters, the notch center wavelength is the same for p- and s-polarization, even at high angles of incidence. All air interfaces have a broad band anti-reflective coating to maximize the out of band transmission.

## BENEFITS



WAVELENGTH SELECTIVE  
AND ANGLE SPECIFIC



HIGH OPTICAL DENSITY

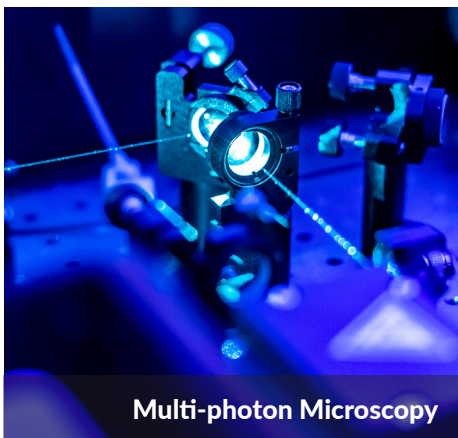


POLARIZATION  
INDEPENDENT ANGLE  
TUNING RESPONSE



CUSTOM FORM FACTORS  
AND WAVELENGTHS  
AVAILABLE

## APPLICATIONS



Multi-photon Microscopy



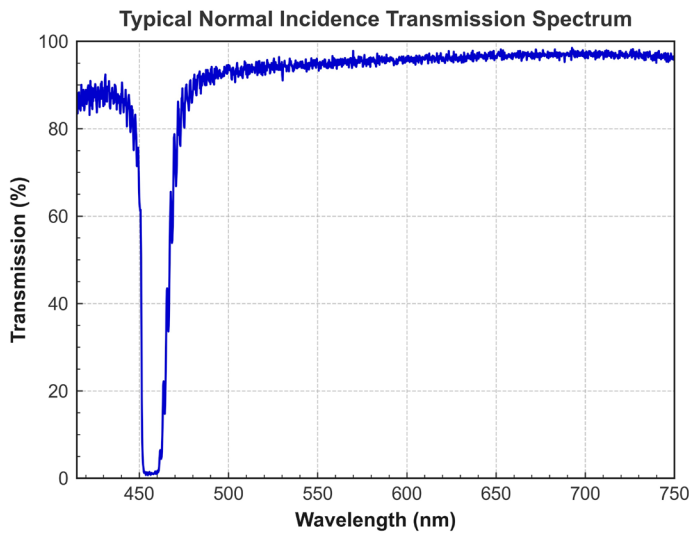
Laser-based  
Fluorescence Instrumentation



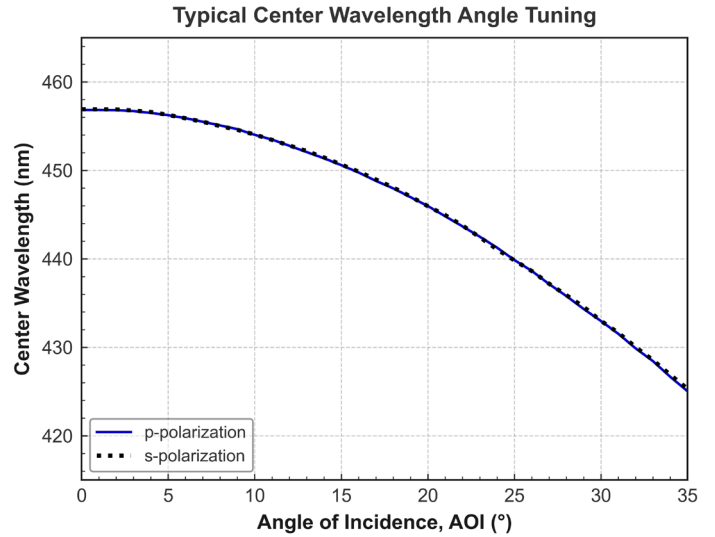
Life Science Applications

# SPECIFICATIONS

Model	Diameter (mm) ± 0.1	Clear Aperture (mm)	Mounted Ring Thickness (mm) ± 0.1	Notch Center (nm)	Spectral Bandwidth @ OD1 (nm)	Notch OD	Substrate
1000188	25.3	20	4.5	457	8	>OD4	N-BK7
1000159	25.3	20	4.5	532	12	>OD4	N-BK7
1000160	25.3	20	4.5	635	16	>OD4	N-BK7



457nm Film Notch Filter (Model:1000188)



457nm Film Notch Filter (Model:1000188)

