

# Notch Filter

## Description

Notch Filters are Optical Filters that selectively reject a portion of the spectrum, while transmitting all other wavelengths. They are used in applications that require deep blocking of a narrow wavelength range, while offering broad transmission of the other wavelengths.

## Applications

- Raman spectroscopy
- laser-based fluorescence instrumentation
- confocal or multi-photon microscopy

## Benefits

- High transmittance
- deep reflection
- narrow rejection bands

## Products

- Material :H-K9L
- Dimension: 3mm to Maximum Size:  $\varnothing 50\text{mm}$  /  $55\text{mm} \times 55\text{mm}$
- Transmittance:  $T_{\text{avg}} > 90\%$  @ 488-1500nm
- Blocking at CWL: OD4
- Surface quality: 60-40
- Custom wavelength: 488 , 532 , 632.8 , 1064nm
- Temperature :  $-40^{\circ}\text{C} \sim +60^{\circ}\text{C}$

