AHF ANALYSENTECHNIK

OPTICAL FILTERS

For ultra sensitive imaging and sensor systems

HIGH-PERFORMANCE FILTERS FOR PRECISE IMAGING

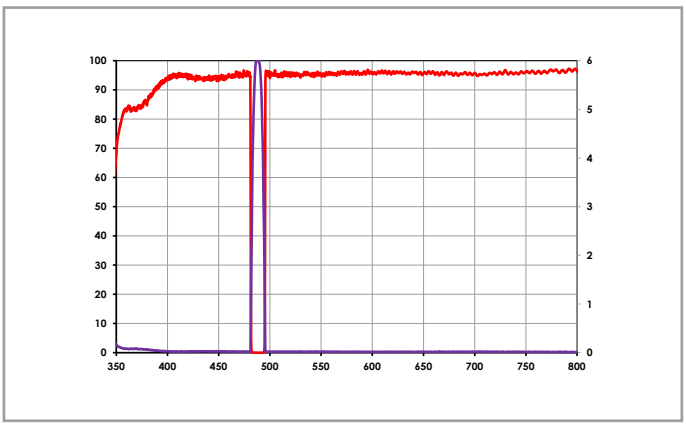
AHF offers the latest generation of optical filters for industrial cameras, LED based sensor systems in machine vision, bioanalysis, ophthalmology and many other sensitive imaging applications. Benefit from the performance of our field-proven filters for your application! There are nearly no restrictions on size and geometry.

KEY FEATURES

:: Optimum signal-to-noise ratio
:: Signal transmission > 95 %
:: Maximum out of band blocking (OD6 from UV to NIR)
:: No aging effects (hard coated surface)
:: No temperature drifts

OUR EXPERIENCE ... YOUR BENEFIT!

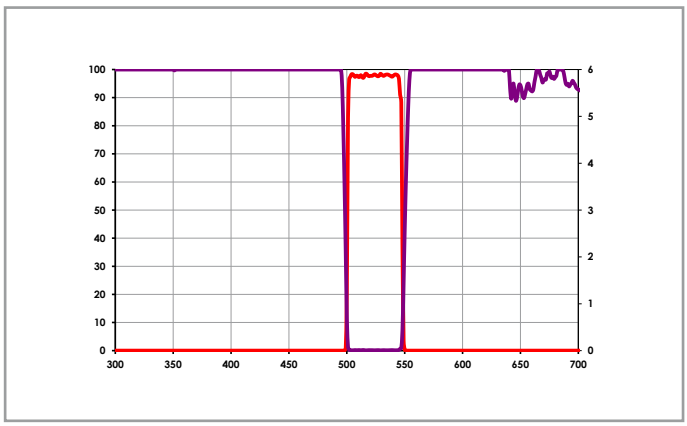
OPTICAL FILTERS FOR IMAGING APPLICATIONS



SHORTPASS / LONGPASS / NOTCH FILTERS

:: Hard coated and robust
:: Wide selection
:: For highly sensitive imaging applications
:: Multi-notch designs
:: Custom-specific designs

Shortpass filter: Transmits the light in the short wavelength range and blocks the long wavelengths.
Longpass filter: Transmits the light in the long wavelength range and blocks the short wavelengths.
Notch filter: Blocks specific part of spectrum, transmits the rest.



BANDPASS FILTERS

:: Hard coated and robust
:: Steep edges with optical density (OD) 6 blocking (= 0,0001 % transmission)
:: Various filter sizes and geometries

Bandpass filter: Combines shortpass and longpass filter which results in a band that transmits light in a specific spectral range and reflects it otherwise.

YOUR BENEFITS FROM WORKING WITH US

:: We are filter experts with longtime experience in selecting and specifying optical filters for demanding applications in research and industry
:: We offer a wide selection of high end optical filters from renowned manufacturers
:: We do inhouse quality control and filter mounting
:: We provide filter demos for testing

ASK OUR FILTER TEAM!

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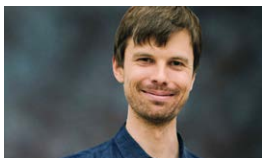

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