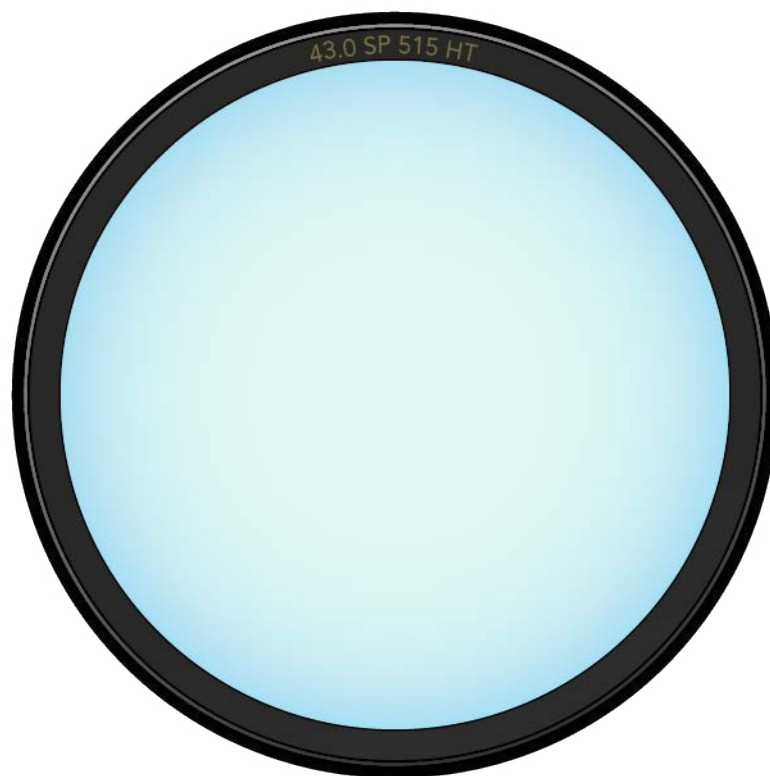


# S H O R T P A S S

Our Shortpass Filters impress with steep slopes and high transmission at stable cut-off wavelengths. The flat surface makes them ideal for machine vision.



Color	Name	Status	Order name	Cut-off wavelength, 50% [nm]	Type	Bandwidth [nm]
●	SP 460 HT	on request	SP 460 HT	460	interference	/
●	SP 515 HT	on request	SP 515 HT	515	interference	/
●	SP 615 HT	on request	SP 615 HT	615	interference	/
●	SP 700 E	standard	SP 700 E	700	absorption	/
●	SP 730 HT	on request	SP 730 HT	730	interference	/
●	SP 760 HT	on request	SP 760 HT	760	interference	/
●	SP 790 HT	on request	SP 790 HT	790	interference	/
●	SP 850 HT	on request	SP 850 HT	850	interference	/

## BLOCK LONGWAVE LIGHT DOWN TO THE CUT-OFF WAVELENGTH

### Key Features:

- Average Transmission 95 %
- Steep slopes
- Wavelength Tolerance +/- 1 %
- Deep Blocking / High Optical Density

### Typical applications:

- 3D and 2D measurement
- Traffic
- Surveillance

## SHORTPASS FILTERS FOR THE INDUSTRY

Schneider-Kreuznach magnetron sputtered industrial shortpass filters impress with steep slopes and high transmission at stable cut-off wavelengths. The very flat surface makes them ideal for high-end machine vision systems in factory automation. Schneider-Kreuznach shortpass filters are RoHS compliant. Custom sizes are available on request.

### What is the function of a shortpass filter?

A shortpass filter allows shorter wavelengths of light to pass through while blocking longer wavelengths. The filter is designed to transmit light that is below a specific wavelength known as the filter's "cutoff wavelength," and to reflect or absorb light that is above this wavelength.

## MORE INFORMATION

Discover the variety of our high quality lenses. For more technical details on the filters and datasheets, please visit our website: [www.schneiderkreuznach.com/shortpass](http://www.schneiderkreuznach.com/shortpass)



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