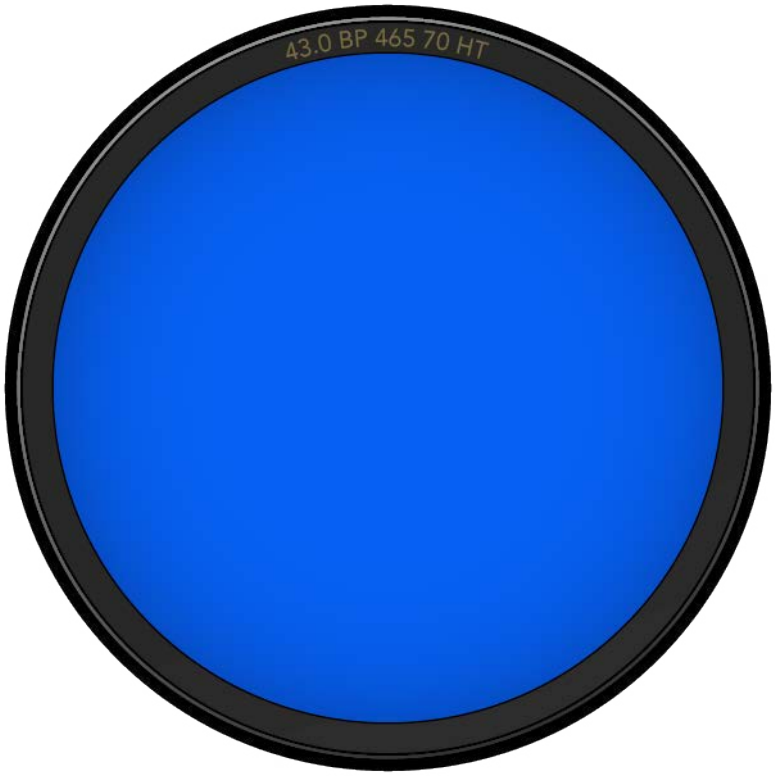
BANDPASS

Our Bandpass Filters impress with steep slopes and high transmission at stable cut-on and cut-off wavelengths. The flat surface makes them ideal for inspection systems.



Schneider KREUZNACH

INDUSTRY

Color	Name	Status	Order name	Wavelength range, 50 %–50 % [nm]	Center wavelength [nm]	Bandwidth [nm]
	BP 465-70 HT	standard	BP 465-70 HT	430-500	465	70
	BP 490 -180 HT	on request	BP 490 -180 HT	400-580	490	180
	BP 515-270 HT	on request	BP 515-270 HT	380-650	515	270
	BP 520-280 HT	on request	BP 520-280 HT	380-660	520	280
	BP 540-80 HT	standard	BP 540-80 HT	495-580	540	80
	BP 540-300 HT	standard	BP 540-300 HT	390-690	540	300
	VIS-85 HT	on request	VIS-85 HT	420-640 / 830-870	530 / 850	220 / 40
	BP 575-170 HT	standard	BP 575-170 HT	495-660	575	170
	BP 590-50 HT	standard	BP 590-50 HT	565-615	590	50
	BP 590-200 HT	on request	BP 590-200 HT	495-690	590	200
	BP 635-50 HT	standard	BP 635-50 HT	610-660	635	50
	BP 640-100 HT	on request	BP 640-100 HT	590-690	640	100
	BP 660-60 HT	standard	BP 660-60 HT	630-690	660	60
	BP 680-100 HT	on request	BP 680-100 HT	630-730	680	100
	BP 850-80 HT	standard	BP 850-80 HT	810-890	850	80
	BP 865-100 HT	standard	BP 865-100 HT	815-915	865	100

TRANSMITTING A PRECISE WAVELENGTH RANGE

Key Features:

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

Typical applications:

- Spectroscopy
- Traffic and surveillance
- Bioanalytics and medical
- LED and laser illumination

BANDPASS FILTERS FOR THE INDUSTRY

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

What is the function of a bandpass filter?
An optical bandpass filter is used in the industry to selectively transmit light of a particular range of wavelengths while blocking others. Schneider-Kreuznach filters are designed to eliminate unwanted wavelengths through a precisely defined structure of very thin layers. This technique achieves transmittances averaging over 95 % and very steep slopes.

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/bandpass**

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