Bandpass Filters

Product Information

Coated filters as line, band and broad-band filters within the spectral range from 200 nm to 1100 nm produced with high vacuum electron beam evaporation coating technology.

Applications

Bandpass filters provide versatile solutions for longpass, shortpass and edge filters in general:

- Raman spectroscopy
- Fluorescence excitation and emission in bio-photonic, medical analytical, chemical, forensic and pharmaceutical applications
- And many more...

Advantages

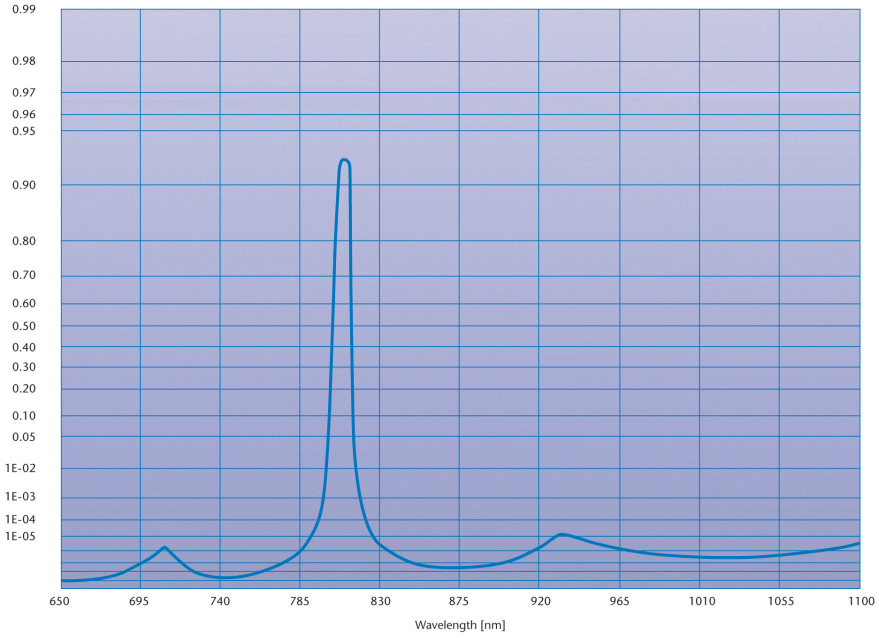
- High signal to noise ratios
- High discrimination between close spaces fluorophores
- High stability and durability

Quality Assurance

Quality control is based on statistical process control as well as on rigorous final inspection. Measurement instruments include a broad range of spectrophotometers, vision systems, beam deflection, etc.

Application Support

Please contact us with your filter specifications. Our experienced application team is trained to find the right solution for your application.



Specifications

	UV	VIS	NIR
Center Wavelength λ_m	200–399 nm	400–799 nm	800–1100 nm
Standard λ_m-Tolerance (% of λ_m)	± 0.5	± 1.0	± 1.0
Half Width	≥ 6 nm*	≥ 6 nm*	≥ 8 nm*
Average Transmission	Up to 90 %		
Average Blocking	> OD5*		
Diameter	Up to 200 mm diameter		
Humidity Resistance	MIL-Std-810C		
Notes	All specs per custom request		

*smaller values on request

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