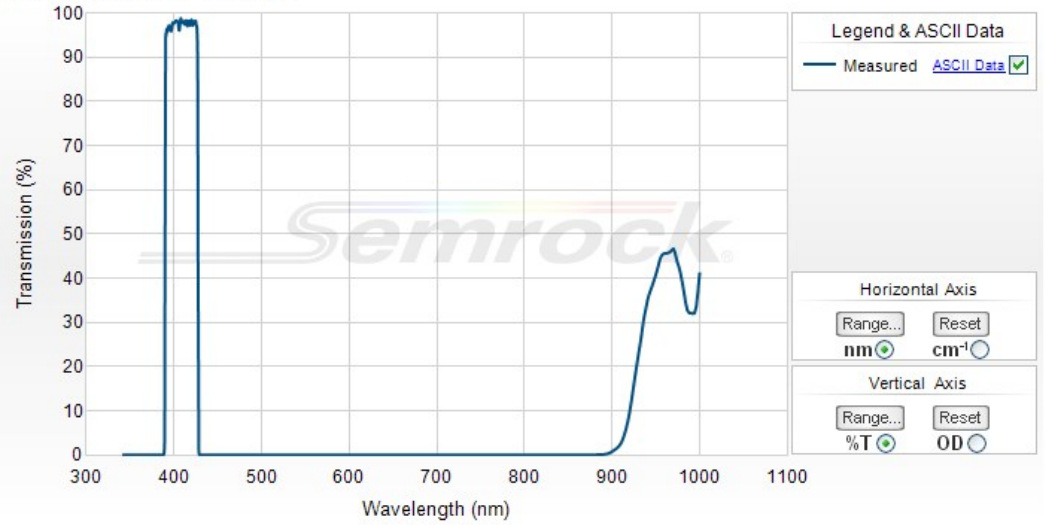
409/32 nm BrightLine® single-band bandpass filter
Part Number: FF01-409/32-25



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(within US and Canada)

Your filter spectrum may differ slightly from the typical spectrum above, but is certified to meet the optical specifications noted below.

409/32 nm BrightLine® single-band bandpass filter

Individual fluorescence bandpass filters that have been optimized for use in a variety of fluorescence instruments. All thin-film, hard-coated construction for unsurpassed performance and reliability.

Part Number		Size	Price[1]	Stock Status
FF01-409/32-25	New Product	25 mm x 3.5 mm	$355	In Stock

This part is not available for custom sizing.

1) US domestic pricing only. If you are ordering from outside the US, please contact your nearest regional distributor for the correct list price.

Optical Specifications

Specification	Value
Transmission Band 1	Tavg > 93% 392.5 – 424.5 nm
Center Wavelength 1	409 nm
Guaranteed Minimum Bandwidth 1	32 nm
FWHM Bandwidth 1 (nominal)	37.4 nm
Blocking Band 1	ODavg > 5.5 350 – 383 nm
Blocking Band 2	ODavg > 4 434 – 845 nm
Blocking Band 3	ODavg > 5.5 485 – 493 nm
Blocking Band 4	ODavg > 5.5 555 – 567 nm
Blocking Band 5	ODavg > 5.5 588 – 600 nm
Blocking Band 6	ODavg > 5.5 632 – 645 nm
Blocking Band 7	ODavg > 5.5 795 – 840 nm
Blocking Band 8	

General Filter Specifications

Specification	Value
Angle of Incidence	0 ± 5 degrees
Cone Half-angle	7 degrees
Optical Damage Rating	Testing has proven to show no signs of degradation when exposed to at least 6.0 W of power from an unfiltered xenon arc lamp over a 25 mm diameter (corresponding to 1.2 W/cm2) for over 500 hrs.
Effective Index	2.01

Physical Filter Specifications (applies to standard sized parts; contact us regarding other sizes)

Specification	Value
Transverse Dimensions (Diameter)	25 mm
Transverse Tolerance (mounted)	+ 0.0 / – 0.1 mm

Filter Thickness (Mounted)	3.5 mm
Filter Thickness Tolerance (Mounted)	± 0.1 mm
Clear Aperture	≥ 22 mm
Scratch-Dig	60-40
Substrate Thickness (unmounted)	1.5 mm
Substrate Thickness Tolerance (unmounted)	± 0.1 mm
Orientation	Arrow on ring indicates preferred direction of propagation of light