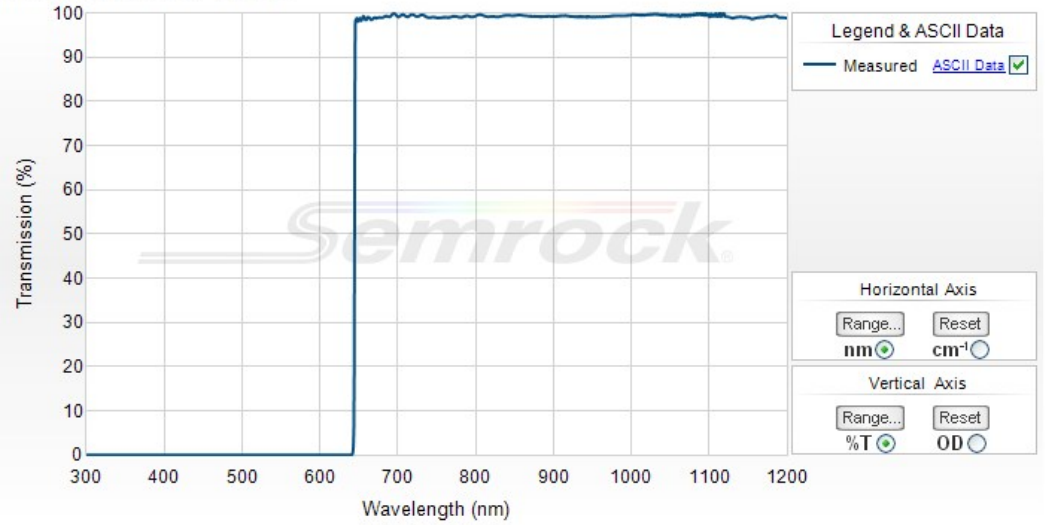
632.8 nm EdgeBasic™ best-value long-pass edge filter
Part Number: BLP01-633R-25



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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.

632.8 nm EdgeBasic™ best-value long-pass edge filter

EdgeBasic filters offer an ideal combination of performance and value for applications including Raman spectroscopy and fluorescence imaging and measurements. They offer exceptional laser-line blocking and high transmission for Raman applications that do not require measuring the smallest possible Raman shifts and when cost is an issue.

Part Number	Size	Price[1]	Stock Status
BLP01-633R-25	25 mm x 3.5 mm	$355	In Stock

Don't see a size you need? Contact us for custom sizing – available in less than a week (sizing fee applies).

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	T_{avg} > 93% 650.5 – 1200 nm
Edge Wavelength 1	645 nm
Blocking Band 1	OD_{avg} > 5 200 – 506.2 nm
Blocking Band 2	OD_{abs} > 6 506.2 – 632.8 nm
Transition Width (nm)	15.8 nm
Transition Width (cm-1)	385.4 cm-1

General Filter Specifications

Specification	Value
Laser Wavelength 1	632.8 nm
Laser Wavelength 1 (low)	632.8 nm
Laser Wavelength 1 (high)	632.8 nm
Angle of Incidence	0 ± 2 degrees
Cone Half-angle	5 degrees
Optical Damage Rating	Not tested
Effective Index	1.79

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

Scratch-Dig	60-40
Substrate Thickness (unmounted)	2.0 mm
Substrate Thickness Tolerance (unmounted)	± 0.1 mm
Orientation	Arrow on ring indicates preferred direction of propagation of light