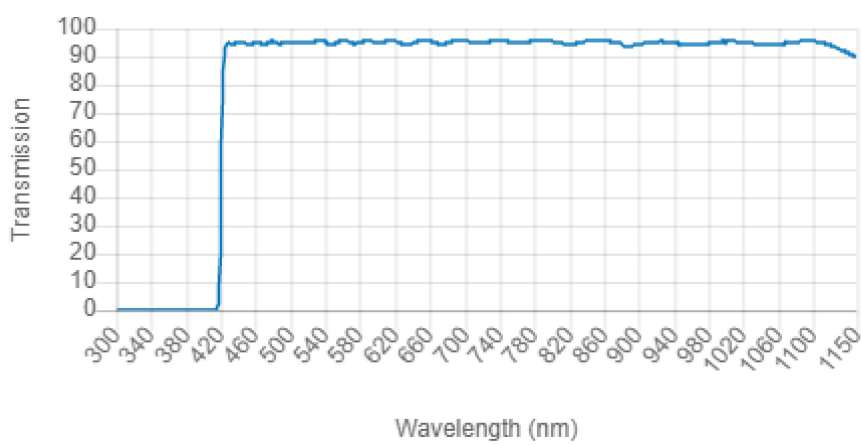


# 420LP RapidEdge



\$100.00

SKU: **RPE420LP**

> 5 available

420LP RapidEdge Longpass Filter

**Expected to ship within 3 business days**

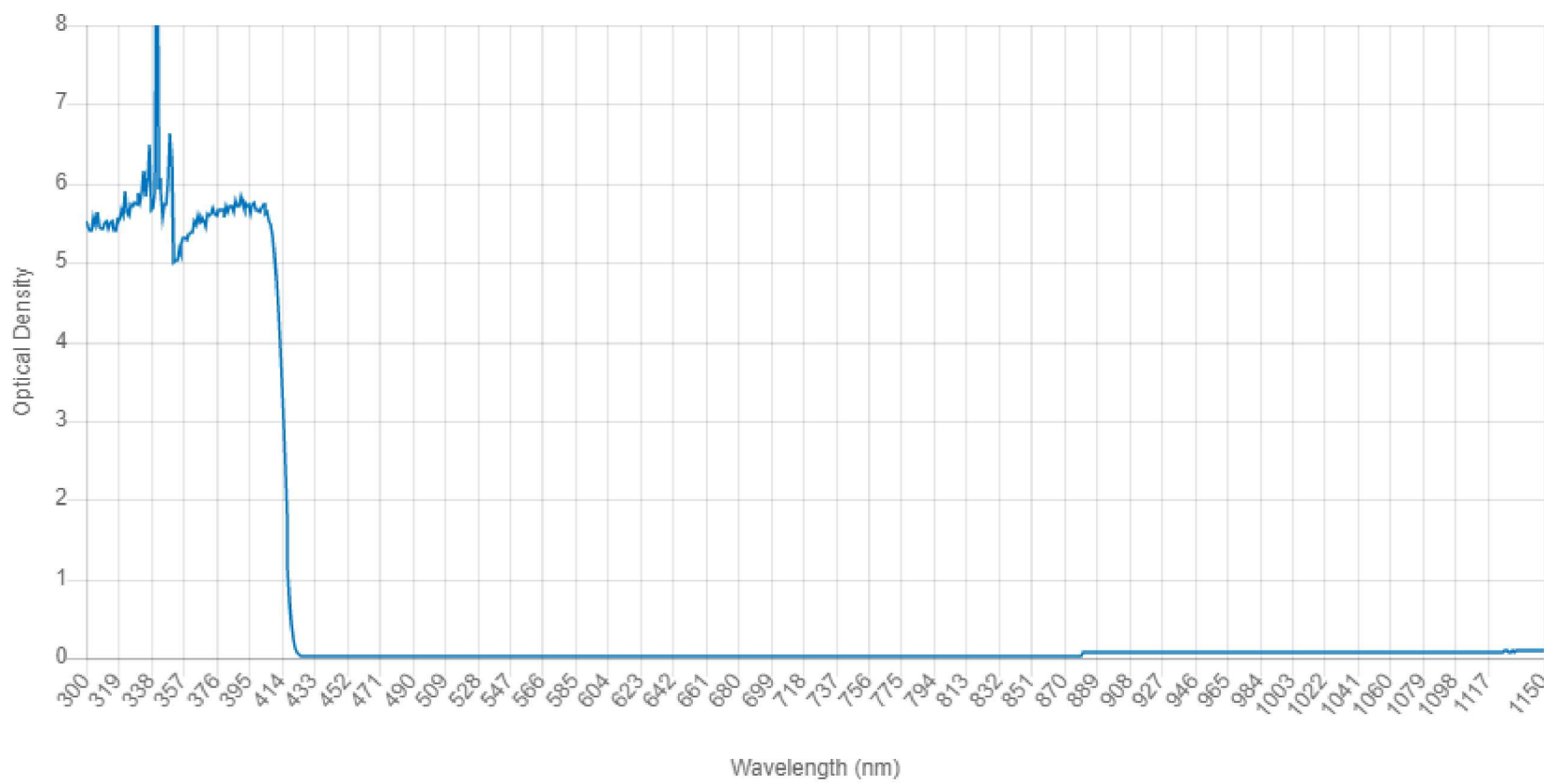
ADD TO CART

**Customize this Filter:** [Request a quote](#) for custom specifications, sizes, or volume quantities.

## Specifications

RapidEdge provides a wide selection of longpass and shortpass standard edges for fast delivery, mounted in a 25mm ring.

## Spectral Curves



## Transmission Data

[Download Transmission CSV Data](#)

[Download Optical Density CSV Data](#)

The spectral curve and ascii data is a typical representation of this filter's performance, but may vary due to production and design variations. Omega only guarantees this part to meet the product specifications listed.

## Detailed Specifications

Physical Thickness	3.50
Physical Diameter	25.00
Diameter Tolerance (mm)	+0/-0.1

Thickness Tolerance (mm)	+0/−0.1
Clear Aperture Diameter (mm)	≥20.9
Mounting (Outer Ø – Thickness – Clear Aperture in mm)	25–3.5–20.9
Transmission	>90% Typical
Blocking	OD5 Average, OD4 Minimum UV–Cuton
Transmitted Wavefront Distortion	1 / 4λ @633nm
Angle of Incidence	0
Minimum Surface Quality	Assembly per MIL–C–48497A (F scratch/ F Dig)
Mounting Type	Ring Mounted
Coating Type	Surface Coating
Shape	Round
Filter Type	Longpass
Filter Application	Longpass
Fluorescence Component	Longpass
Cut–on Wavelength (nm)	420.00
Cut–on Wavelength Tolerance	+ / −2