

RapidBand Stock Filters

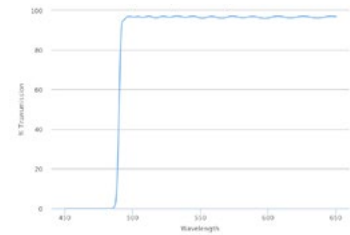
Omega Optical is pleased to announce the launch of our RapidBand stock program, providing fast delivery for hundreds of bandpass filter combinations in a standard 25mm diameter ring that is just 3.5mm thick.

RapidBand filters are constructed by combining longpass and shortpass edges produced at 10nm increments from 400nm to 700nm. These are assembled in a unique, proprietary air-spaced ring designed to meet the size and quality requirements for many optical systems, and are ideal for applications from fluorescence microscopy to rapid prototyping.

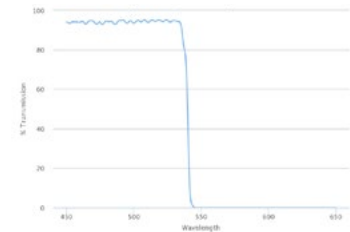
Longpass and shortpass edge filters can also be ordered as RapidEdge filters, and are mounted in the same 25mm ring. Component edge filters are in stock, and RapidBand filters will be assembled and shipped within five business days of your order. Choose from over 350 possible RapidBand combinations and more than 50 longpass and shortpass RapidEdge filters.

CWL: From 405nm to 695nm
 CWL Tolerance: ± 2 nm
 FWHM: Up to 200nm
 FWHM Tolerance: ± 4 nm
 Transmission: 85% Typical
 Blocking: OD 5 Average, OD4 Minimum UV-1100nm
 Mounting: Ring Mounted
 Size: 25mm Round, Tolerance $+0/-0.1$ mm
 Thickness: 3.5mm, Tolerance: $+0/-0.1$ mm
 Clear Aperture: ≥ 20.9 mm
 Coating: Surface Coated with Dual Magnetron Sputtering
 TWD: $\frac{1}{4} \lambda$ @633nm

490 Longpass



540 Shortpass



Assembled Bandpass

CWL 515
 FWHM 50

