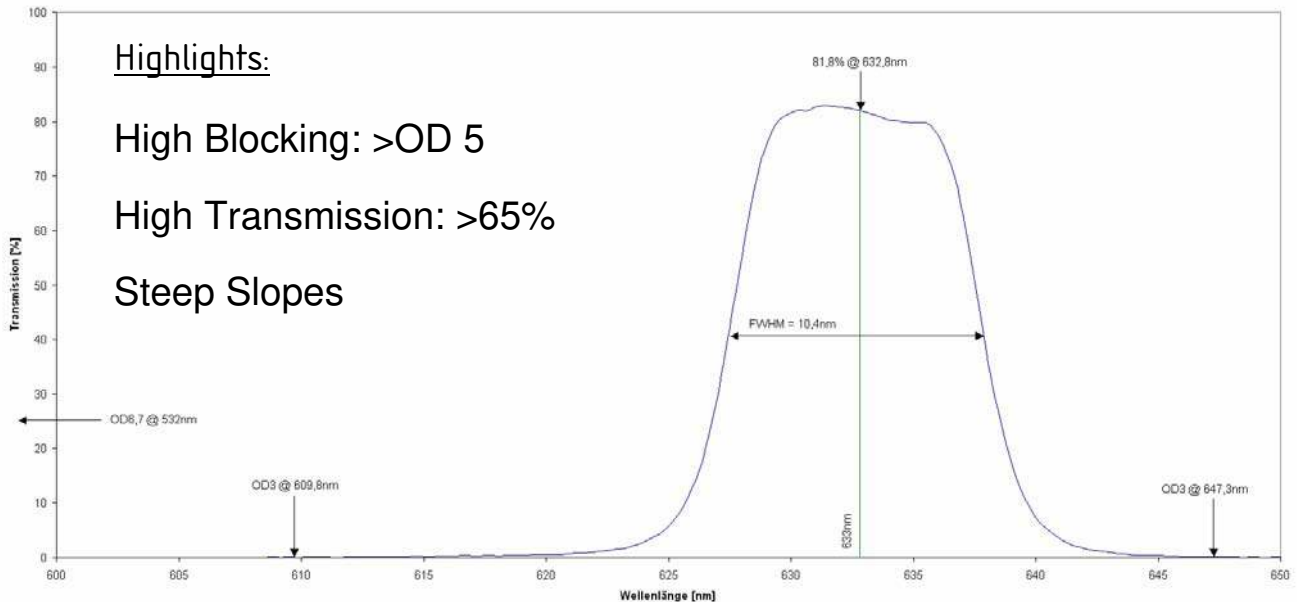
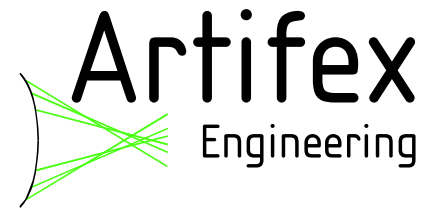


Blocked!

Band Pass Filters with High Blocking



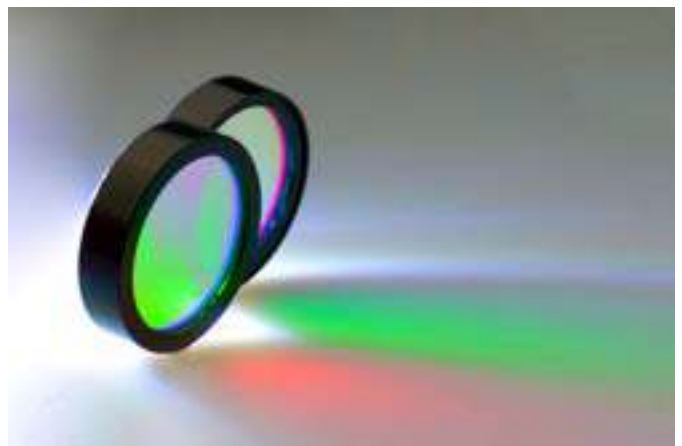
Our Offer in Detail:

The band pass filters from Artifex Engineering are manufactured with state-of-the-art coating processes to ensure sharp spectral curves with very high blocking.

These high quality filters are particularly useful for biotechnological applications for example to achieve high signal-to-noise ratios in fluorescence microscopy.

Specifications

- OD 5 in stop band (<0,001% transmission)
- Slope steepness: > OD 3 @ 20nm separation from CWL
- Transmission: > 65% @ CWL
- Wavelength: any value within range 254nm - 1064nm
- CWL: ± 2 nm
- FWHM: 10nm ± 2 nm
- Blocking: from UV to 1200nm
- Wavefront distortion: $< \lambda$ @ 546nm
- Surface quality: 80-50 S/D
- Clear aperture: 8mm (12.5mm mount) or 21mm (25.0mm mount)
- Mount diameter: $+0/-0.2$ mm
- Mount thickness: 6.15mm ± 0.15 mm



Your problem is our challenge – flexibility is our standard:

We will gladly adapt, for example, the wavelength or the mount to suit your application. Let us know your requirements.