

glass sheet polarizer	
colorPol[®] IR 1300 BC5 003189	
linear VIS-NIR-polarizer	Date: 12.07.2004

Wavelength range with **contrast > 100 000 : 1**
(Contrast = ratio of parallel and perpendicular transmittance)
Transmittance (uncoated)

850 to 1600 nm
> 82 % up to 86 %

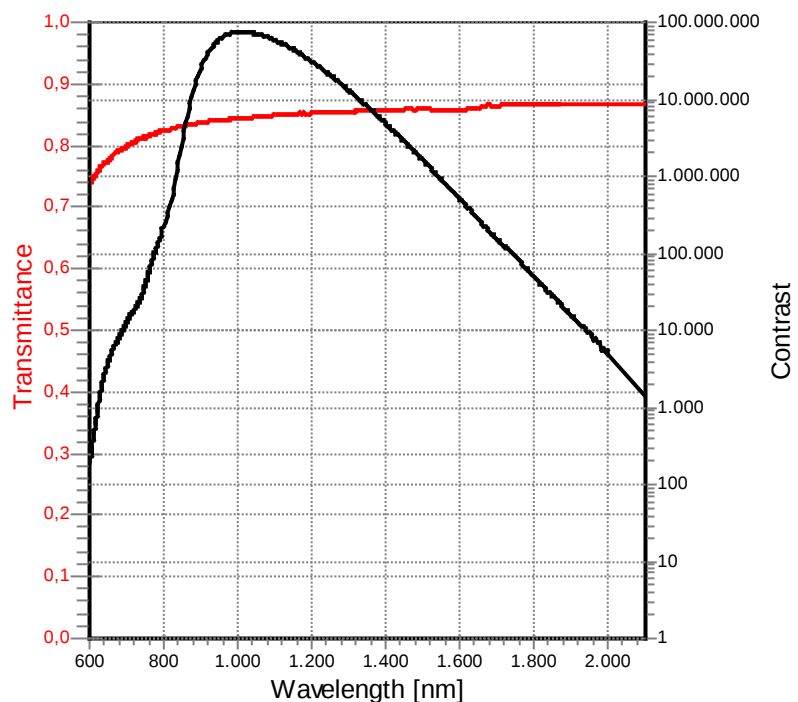
Wavelength range with **contrast > 10 000 : 1**
Transmittance (uncoated)

750 to 1800 nm
> 80 % up to 87 %

Wavelength range with **contrast > 1 000 : 1**
Transmittance (uncoated)

650 to 2000 nm
> 76 % up to 87 %

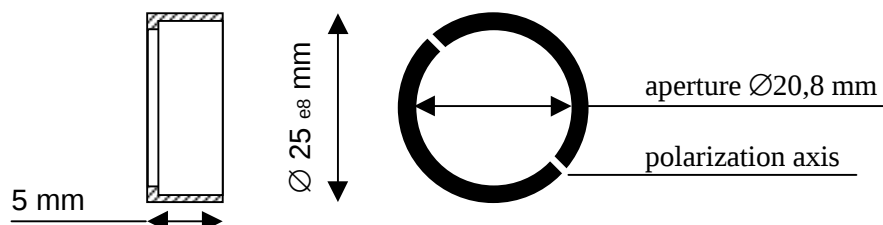
Spectral response



Filter thickness

$2,0 \pm 0,2$ mm

Filter size (mounted)



Wavefront distortion ($\varnothing 10$ mm)

$< \lambda/4$ at 633 nm

Acceptance angle

$\pm 20^\circ$

Operating temperature

$-20 \dots +120^\circ \text{C}$