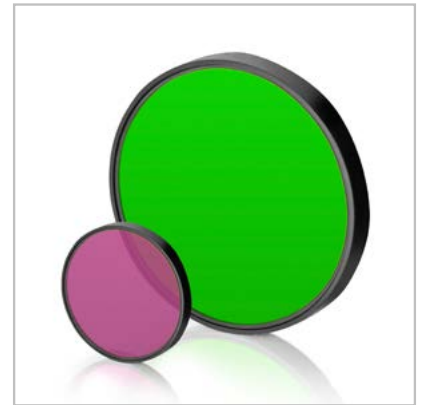


Laser Line Filters

Our low cost Laser Line Filters feature high transmittance in the pass band and a steep roll-off. They are superbly designed to reduce spectral noise of a laser source. An increase in the angle of incidence causes a blue shift of the centre wavelength. This can be very useful in tuning a narrowband filter to a desired wavelength. They are mounted in a black anodized aluminium housing to protect the filter.



Products

Standard Laser Lines:

405.0 nm, 488.0 nm, 514.5 nm, 532.0 nm, 633.0 nm, 785.0 nm, 830.0 nm and 1064.0 nm (other wavelength also on request available)

Optical Specifications

3 OD Blocking

Operating range (nm)	300 ~ 1200 except pass band
FWHM (nm)	~2 to 3 (varies in WL)
Peak transmission in pass band (%)	>90% (>80% for 405 nm)
Angle of incidence (degrees)	0.0 (angle tuning for blue shift available)

Physical Specifications

Clear aperture (mm)	8 or 20
Outer diameter (mm)	12.5 or 25 +0.0/-0.2 ring mounted
Thickness (mm)	5.0 ± 0.1 ring mounted
Surface quality	80/50 scratch/dig

Sample Curves

