

LEUKOS

Make a bright future

Ska

Fast tunable filter

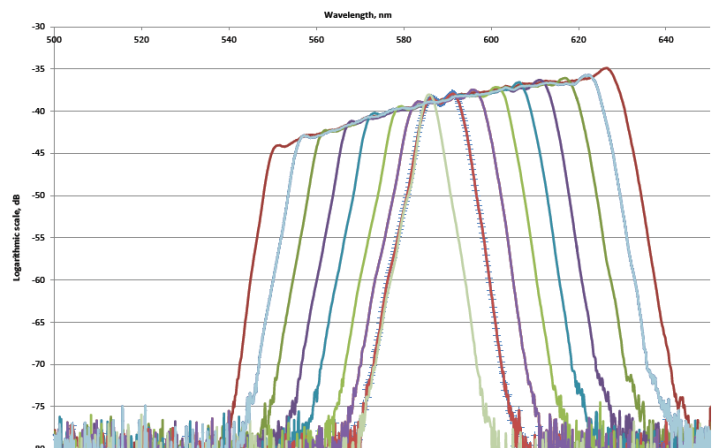
Ska is a tunable filter for applications where high out of band wavelengths extinction ratio and speed is important. **Ska** is selecting a central wavelength and can adjust the spectral bandwidth around this wavelength. Switching alternatively between 2 wavelength quickly is possible with this device. **Ska** is the perfect candidate for Fast FLIM applications.

FEATURES

- Broadband 400-750 nm
- Adjustable linewidth < 5 nm up to 350 nm
- Fast switching time ~ 30 ms
- Excellent rejection OD > 5
- High transmission up to 80 %
- Free space output or fibered output

APPLICATIONS

- Fast FLIM
- Multiplex imaging
- Microscopy
- Metrology





Ska

Fast tunable filter

Optical specifications		Ska
Spectral bandwidth	Min	< 400 nm
	Max	> 750 nm
Adjustable bandwidth	Min	< 5 nm
	Max	350 nm
Transmission		> 60%
Shutter		integrated
Spatial mode		Singlemode
Polarization state		Non polarized
Out of band suppression		OD>5
Switching time		<30 ms
Wavelength accuracy		+/- 2 nm
Wavelength repeatability		< 0.3 nm
Output		Free-space or fibered

Other specifications

Control interface	GUI via USB 2.0
Operating temperature	15°C to +45°C non condensing
Weight	< 7kg
Dimensions (LxWxh)	250x400x100mm
Power requirements	100-240 V, 50/60 Hz

