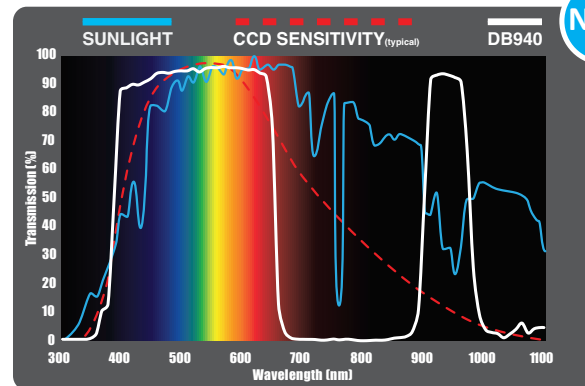


NEW INNOVATIVE PRODUCTS FROM MIDOPT

DUAL BANDPASS FILTERS

- Ideal for color camera day/night applications
- Block interfering IR wavelength range to achieve accurate color rendition
- Allow the ability to view a scene with appropriate IR illumination at night

The DB850 and DB940 Dual Bandpass Filters are ideal for applications where a color camera is necessary for accurate color images during the day, while simultaneously transmitting IR illumination for nighttime use with the same camera.



Part # Prefix	Filter Description	Full Width Half Max (50% point) +/- 10nm	Minimum Peak Transmission	Surface Quality Scratch and Dig	Mount Options
DB850	Dual Bandpass Visible + 850 nm IR	Visible 385-650 nm Infrared 820-880 nm	90%	40/20	T,S,C,F
DB940	Dual Bandpass Visible + 940 nm IR	Visible 385-650 nm Infrared 910-970 nm	90%	40/20	T,S,C,F

T=Standard Threaded Lens Mount; S=Slip-On Mount; C=C/CS-Camera Mount (M25.4); F=Filter, No Mount

NARROW BANDPASS FILTERS

- Narrow design for overwhelming ambient light conditions
- Suitable for laser diodes
- Mounting solutions for all systems
- Commonly used in fluorescence applications
- Durable and environmentally stable
- Longer lifespan
- Less sensitive to angle of incidence variations than traditional interference filters



Part # Prefix	Filter Description	Full Width Half Max (50% point) +/- 10nm	Minimum Peak Transmission	Surface Quality Scratch and Dig	Mount Options
BN470	Narrow Blue Bandpass/UV Block	450-495 nm	85%	40/20	T,S,C,F
BN532	Narrow Green Bandpass	515-560 nm	85%	40/20	T,S,C,F
BN595	Narrow Orange Bandpass	570-615 nm	85%	40/20	T,S,C,F
BN630	Narrow Light Red Bandpass	610-650 nm	85%	40/20	T,S,C,F
BN660	Narrow Dark Red Bandpass	640-680 nm	85%	40/20	T,S,C,F
BN740	Narrow IR Bandpass	720-770 nm	85%	40/20	T,S,C,F
BN785	Narrow IR Bandpass	760-805 nm	85%	40/20	T,S,C,F
BN850	Narrow IR Bandpass	825-870 nm	85%	40/20	T,S,C,F

T=Standard Threaded Lens Mount; S=Slip-On Mount; C=C/CS-Camera Mount (M25.4); F=Filter, No Mount



NEW

LE100* Set Includes the Following:

- LE254-43: Enclosure mount with built in 5 mm spacer
- LE025-43: 25 mm Extension tube
- LE010-43: 10 mm Extension tube
- LE005-43: 5 mm Extension tube

*Additional extension tubes in the above sizes are available and can be purchased individually to accommodate longer lenses



NEW INNOVATIVE PRODUCTS FROM MIDOPT

LE100 CS MOUNT LENS ENCLOSURE

- Protects the lens
- Fits all CS cameras
- Equipped with a built-in 5mm spacer to accommodate all C-mount lenses
- Anti-reflective coating to maximize transmission
- Easy to clean and tamper resistant
- Accommodates a lens up to 42.5 mm in length and 37.5 mm in width including thumbscrews

Two Protective Lens Options

LE100-LP340 Glass protective window with an anti-reflective coating.

LE100-AC380 Anti-abrasion acrylic protective window with an anti-reflective coating, approved for FDA applications.

*NOTE: Can be used with C-Mount cameras and CS lens to CS cameras; however, it will affect the minimum object distance.



NEW

FS100 Machine Vision Swatch Kit is a compact tool for testing

Swatch Kits Include:

- QR codes to link filter information to MidOpt.com
- 43mm diameter aperture
- Filter transmission curve of each filter

MIDOPT SWATCH KITS

Evaluate and improve image quality with MidOpt Swatch Test Kits

Designed to assist vision integrators and end users to evaluate and improve image quality.

Test before investing in lighting hardware. Filters can determine the color of illumination which best satisfies the application requirements.

Control the variability of ambient light.

Once appropriate lighting has been chosen, a complimentary filter aids in correcting specific problems and in controlling the variability of ambient lighting conditions.

Part # Prefix	Description
FS100	Machine Vision Swatch Kit
BP324	UV A+B Bandpass
BP470	Blue Bandpass/UV Block
BP505	Green-Blue Bandpass
BP525	Light Green Bandpass
BP550	UV and Near IR Blocking
BP590	Orange Bandpass
BP635	Light Red Bandpass
BP660	Dark Red Bandpass
BP850	IR Bandpass
PR032	Linear Polarizer

Also Available : NS100 Neutral Density Swatch Kit. Includes: ND030, ND060, ND090, ND120, ND200, ND300, ND400

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