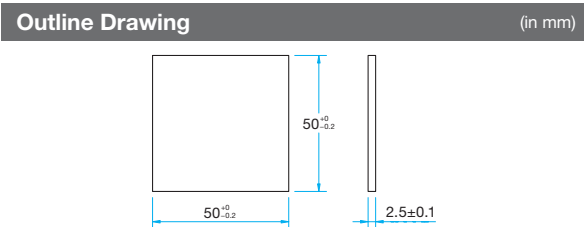
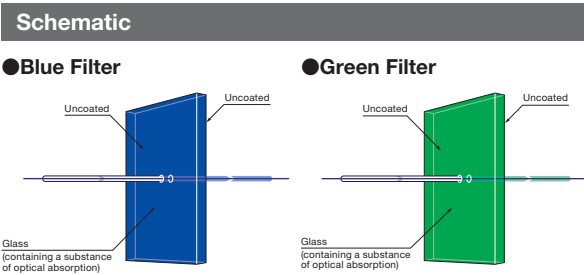
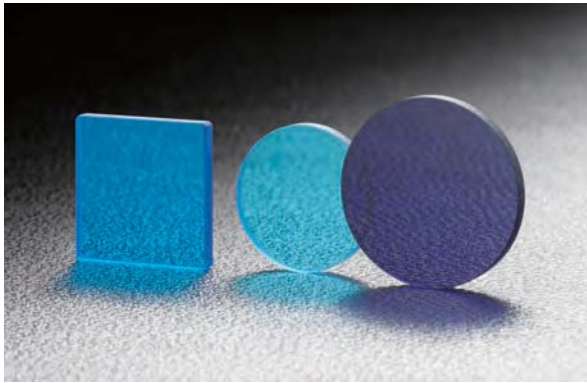


A filter that transmits a specific wavelength at green from blue, and cuts off other wavelengths in the visible range. It is used to select blue or green wavelength from a light emission or select a specific wavelength from multi-wavelengths.

- A selection of different type of main wavelength and bandwidth from 370nm to 550nm.
- To select a wavelength from a large bandwidth light.
- By insertion of the filter into microscope or CCD camera will provide better contrast in a vision experiment.



**Guide**

- ▶ We are also providing bandpass filter with narrow wavelength (model VPF).
- ▶ We can provide high transmittance filter for interference application (model YIF).
- ▶ We also can supply to custom specifications which are not mentioned on-line or in our catalog, please contact our Sales Division with your request.

**Attention**

- ▶ The absorption wavelength range can not be used with high power laser and high energy pulsed laser.
- ▶ There is no coating on both surfaces of the filter and there is a transmission loss of about 10%.
- ▶ Due to the specifications of the glass material of the green filter, you can not obtain a high and sharp transmittance, we recommend using the high transmittance interference filter (model YIF).

Blue Filter							
Part Number	Center wavelength [nm]	Transmittance for center wavelength [%]	Absorption limit short wavelength [nm]	Transmittance at short absorption limit [%]	Absorption limit long wavelength [nm]	Transmittance at long absorption limit [%]	Average Transmittance (absorption limit long wavelength - 700nm) [%]
★BLF-50S-370B	370	>82	289	<0.5	486	<0.1	<0.1
BLF-50S-390B	390	>78	309	<5	528	<0.1	<0.1
BLF-50S-410B	410	>92	261	<1	625	<0.5	<5 (555 - 700nm)
BLF-50S-440B	440	>44	358	<1	535	<0.5	<0.3
BLF-50S-460B	460	>84.5	324	<5	718	<1.0	<14 (555 - 700nm)

Green Filter							
Part Number	Center wavelength [nm]	Transmittance for center wavelength [%]	Absorption limit short wavelength [nm]	Transmittance at short absorption limit [%]	Absorption limit long wavelength [nm]	Transmittance at long absorption limit [%]	Average Transmittance (absorption limit long wavelength - 700nm) [%]
GRF-50S-530G	526	>15	452	<0.1	615	<0.1	<0.1
GRF-50S-533G	533	>50	415	<0.1	668	<3.0	<3.0
GRF-50S-545G	541	>13	483	<0.1	621	<0.1	<0.1
GRF-50S-550G	548	>80	406	<0.1	637	<55	<55

**Compatible Optic Mounts**

FHS-50 / FH-50

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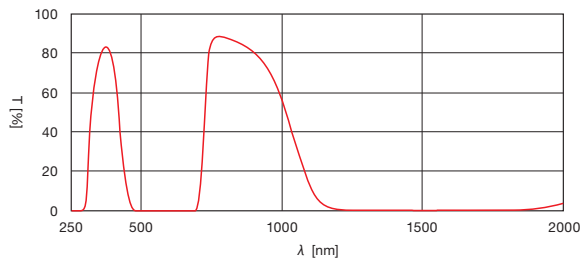
Dielectric Filters

Etolon

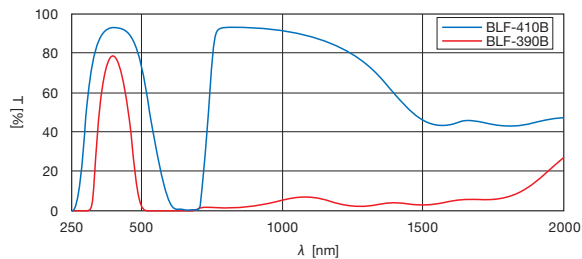
# Blue and Green Filters | BLF/GRF

Typical Transmittance Data T: Transmission

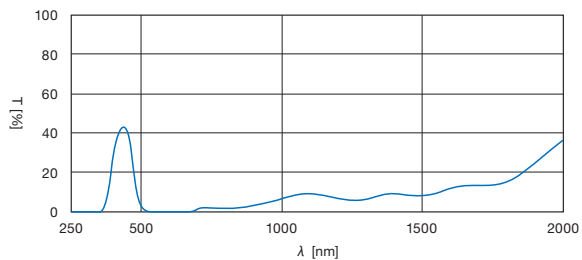
**BLF-370B**



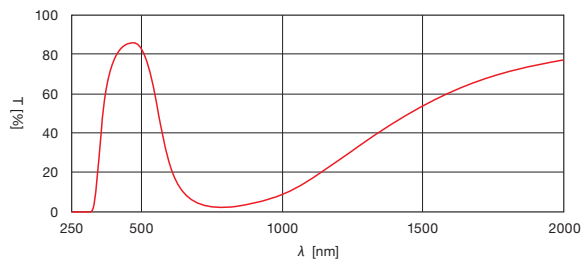
**BLF-390B · 410B**



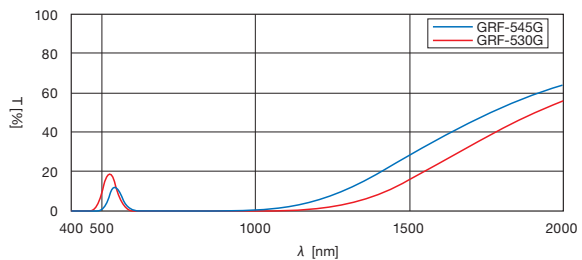
**BLF-440B**



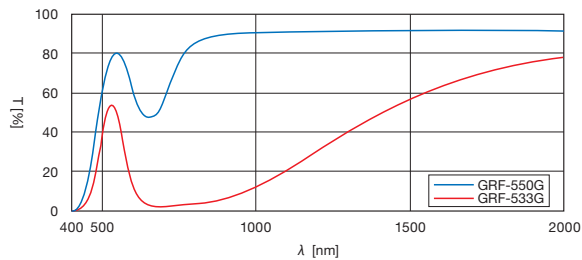
**BLF-460B**



**GRF-530G · 545G**



**GRF-533G · 550G**



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