

Fluorescence Filter

Description

Daheng OTF fabricates fluorescence filters which are suitable for single and multiple microscopy application, including GFP FRET, photons, quantum dots, pinkel, contrast imaging and other technologies.

The high transmission of the fluorescence filters guarantees the brightest possible images, while the deep blocking ensures no unwanted light gets to the detector. This ensures images will be brighter and will have much greater signal-to-noise.



Applications

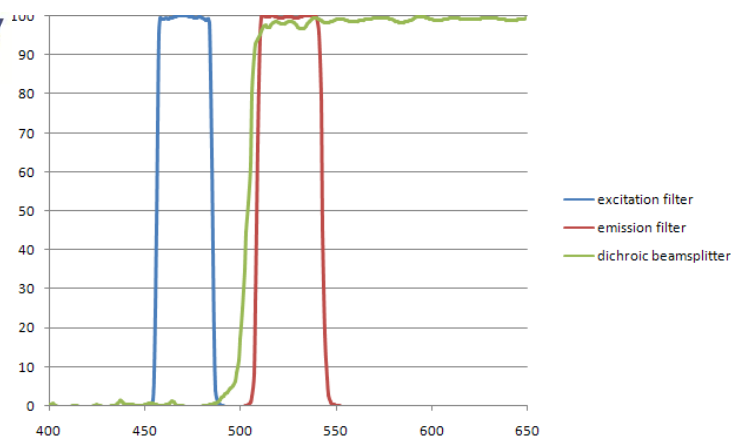
- Fluorescence microscopy
- Fluorescence analyzer equipment
- Biotechnology and analytical applications

Benefits

- No wavelength shift
- High transmission
- Sharp slope
- High contrast

Products

- Diameter: ϕ 12mm ϕ 8mm, other sizes are available as request
- Clear aperture: >80%
- Thickness :6mm(mounted)
- Angle of incidence: $0^\circ \pm 5^\circ$
- Blocking: >OD6



Application	Excitation Range(nm)	Emission Range(nm)	Dichronic filters(nm)	P/N
DAPI	340-390	435-485	412	FF-01
CFP	426-450	467-498	458	FF-02
GFP	458-487	502-538	495	FF-03
FAM,SYBR GreenI	452-482	512-532	492	FF-04
FITC	467-498	513-556	506	FF-05
YFP	488-512	532-554	520	FF-06
HEX,VIC	510-530	551-571	540	FF-07
CY3	513-556	570-613	562	FF-08
TAMRA,JOE,Cy3	530-550	571-591	560	FF-09
TRIT	505-555	578-633	567	FF-10
TRITC	532-554	570-613	562	FF-11
TEX RED	542-582	604-644	593	FF-12
TEX RED,ROX	558-578	599-619	585	FF-13
mCherry	542-582	603-678	593	FF-14
CY5	604-644	672-712	660	FF-15
CY5.5	635-675	696-736	685	FF-16