

Three Peak Emission Filters for Fluorescence Imaging



Part no.	DBEF-25
Min. Transmission within Pass Band	> 80 %
Transmission Range 1	452 nm – 458 nm
Transmission Range 2	502 nm – 528 nm
Transmission Range 3	582 nm – 618 nm
Blocking Ranges	Optical Density
400 nm – 435 nm	> 2,5
475 nm – 490 nm	> 2,5
540 nm – 565 nm	> 2,5
635 nm – 900 nm	> 4
Angle of Incidence Aoi	0,0 ±5,0° (angle tuning available)
Temperature Dependence	< 5 pm/ °C
Clear Aperture	> 80% of Outer Diameter
Outer Diameter	25 + 0,0/-0,1 mm
Thickness	2,0 ± 0,1 mm
Wedge Angle	< 30 arcseconds
Surface Quality	60/40 S/D
Flatness	$\lambda/4$ @ 630 nm

