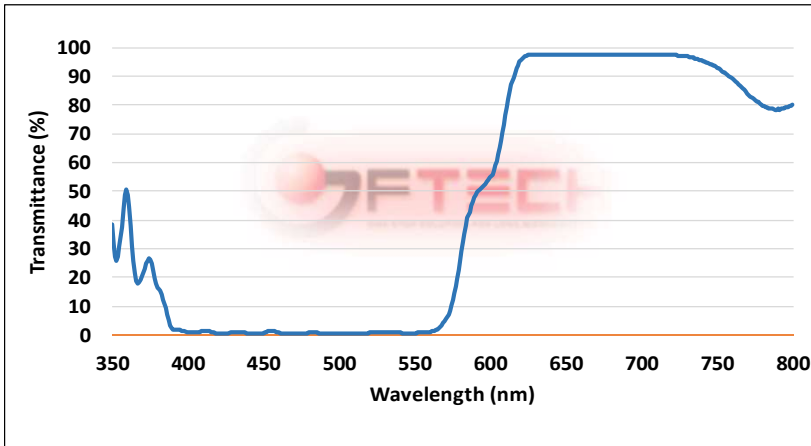


Part Number : FF592-Di03-XX
 Description : 592nm cut-on dichroic long-pass filter

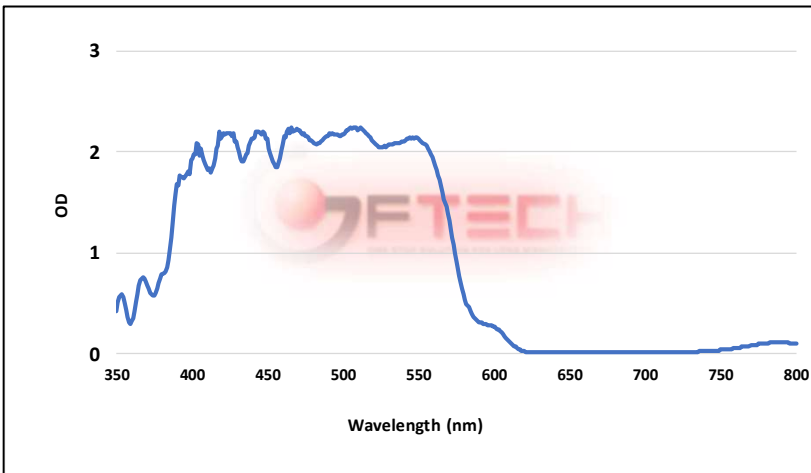
Optical Spectrum



GF Technology Sdn. Bhd (270452-U)
 Plot 108, Phase 4, Hilir Sg. Keluang 5,
 11900 Bayan Lepas,
 Penang, Malaysia

Phone : +604-641 3106 / 3107 / 3109
 Fax : +604-641 2950
 Web : www.gf-technology.com
 Email : info@gf-technology.com

Blocking Band Spectrum



Your actual filter spectrum may slightly differ from the typical spectrum above but is certified to meet the optical specifications noted below

Part Number	Size	Price	Remarks
FF592-Di03-23.5D	23.5mm x 1mm	Please email us for quotation	Round shape, unmounted
FF592-Di03-25D	25mm x 1mm	Please email us for quotation	Round shape, unmounted
FF592-Di03-35x35	35mm x 35mm x 1mm	Please email us for quotation	unmounted
FF592-Di03-50x50	50mm x 50mm x 1mm	Please email us for quotation	unmounted

Optical Specifications

Specifications	Value
Reflection Band 1	$R_{abs} > 98\%$ 400 - 565 nm
Cut-on Wavelength	592 nm
Transmission Band 1	$T_{abs} > 95\%$ 620 – 740 nm
Blocking Band 1	$OD_{avg} > 2$ 400 – 565 nm

Part Number : FF592-Di03-XX

Description : 592nm cut-on dichroic long-pass filter

General Filter Specifications

Specification	Value
Angle of Incidence	45 degrees

Physical Filter Specifications (applies to standard sized parts)

Specifications	FF592-Di03-23.5D	FF592-Di03-25D	FF592-Di03-35x35	FF592-Di03-50x50
Transverse Dimension	23.5mm Diameter	25 mm Diameter	L = 35 mm , W = 35 mm	L = 50 mm , W = 50 mm
Transverse tolerance	± 0.1 mm			
Filter thickness (unmounted)	1.0 mm			
Filter thickness tolerance (unmounted)	± 0.1 mm			
Clear Aperture	Full	Full	Full	Full
Scratch-Dig	60 - 40			