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Hoya L37 (370nm), 50.8mm Sq., 2.5mm Thick, Colored Glass Longpass Filter

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 Stock #66-060 [CONTACT US](#)

 - 1 + C\$147^{.00}
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Volume Pricing	
Qty 1-10	C\$147.00 each
Qty 11-49	C\$127.40 each
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Product Downloads	
STEP:step	Curve:pdf
PDF Drawing:pdf	IGES:igs
eDrawing:eprt	
EO Spec Sheet	Download All

General

Type: Longpass Filter

Physical & Mechanical Properties

Dimensions (mm):	50.8 x 50.8	Length (mm):	50.80
Thickness (mm):	2.50 ±0.2	Width (mm):	50.80
Dimensional Tolerance (mm):	±0.38	Bevel:	Protective as needed

Optical Properties

Cut-Off Position λ_c (nm):	370±6	Cut-On Wavelength (nm):	370.00 ±6
Glass/Filter Number:	Hoya L37	Substrate:	Colored Glass
Coating:	Uncoated	Color:	Clear
Surface Quality:	80-50	Wavelength:	UV
Reflection Factor P_d:	0.92	$\Delta\lambda$ (nm):	<35
TH (%):	>85		

Material Properties

Density (g/cm³):	3.26	Transformation Temperature (°C):	440
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Regulatory Compliance

Reach 181: **Compliant**

RoHS 2015: **Compliant**

Certificate of Conformance: **View**

Need different specs or modifications?

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

Product Details

- UV, VIS and IR Pass Ranges
- VIS Can Be Used for Color Bandpass
- Also Available **Mounted**

Hoya Colored Glass Longpass Filters feature a colored glass substrate. These filters are manufactured from substrates with inherently different absorption and transmission properties across a specific spectral region. Hoya Colored Glass Longpass Filters have UV, VIS, and IR pass ranges. A longpass filter has low transmission in the shortwave region (stopband) and high transmission in the longwave region (passband). These filters are also available in a **mounted** version.

Longpass Filter Kits

Longpass filter kits are available in three different options: UV-VIS, VIS, or VIS-NIR. Each kit contains 8 filters in either 12.5mm diameter, 1" diameter, or 2" square.

UV-VIS Kit Contains: WG 295, WG 305, WG 320, L 37, GG 400, GG 420, GG 435, GG 455

VIS Kit Contains: GG 475, GG 495, OG 515, OG 530, OG 550, OG 570, OG 590, RG 610

VIS-NIR Kit Contains: RG 630, RG 665, RG 695, RG 715, RG 780, RG 830, RG 850, RG 1000

Complete Filter Kits

Complete filter kits are available with 12.5mm diameter, 50.0mm diameter, 1" diameter, or 2" square filters. Each kit contains all 37 Longpass Glass Color Filter types.

Note: Due to supply chain issues, our kits may be delivered with an alternative packaging solution in place of a wooden box. For any questions, please contact kits@edmundoptics.com.

Filter Simulation Software

[Click here](#) to download HOYA's colored glass filter simulation software which can be used to calculate the internal transmittance and external transmission of each HOYA glass type. The software can simulate the performance of individual filters with user specified thickness.

Technical Information

λ_s	limit of stopband: specified at 0.001% internal transmittance
λ_c	cut-off position: specified at 50% internal transmittance
λ_p	limit of the passband
t_{ip}	internal spectral transmittance at λ_p
ρ	density
T_g	transformation temperature

Accessories

Note: Compatible accessories for individual stock numbers may vary. If unsure about which accessories work with your products, please contact us [here](#).

	Title	Compare	Stock Number	Price	Buy
MORE+	VIS 12.5mm Dia Longpass Filter Kit		#47-847	C\$278.60 Request Quote	1 In Stock <input type="text" value="1"/>

	Title	Compare	Stock Number	Price	Buy
MORE+	UV-VIS 12.5mm Dia Longpass Filter Kit		#47-846	C\$278.60 Request Quote	1 In Stock 1
MORE+	VIS-NIR 12.5mm Dia Longpass Filter Kit		#47-848	C\$278.60 Request Quote	CONTACT US 1
MORE+	VIS 25.4mm Dia Longpass Filter Kit		#47-399	C\$418.60 Request Quote	1 In Stock 1
MORE+	VIS-NIR 25.4mm Dia Longpass Filter Kit		#47-400	C\$418.60 Request Quote	1 In Stock 1
MORE+	UV-VIS 25.4mm Dia Longpass Filter Kit		#47-398	C\$418.60 Request Quote	2 In Stock 1
MORE+	UV-VIS 50mm Dia Longpass Filter Kit		#66-132	C\$838.60 Request Quote	CONTACT US 1
MORE+	VIS 50mm Dia Longpass Filter Kit		#66-133	C\$838.60 Request Quote	1 In Stock 1
MORE+	VIS-NIR 50mm Dia Longpass Filter Kit		#66-134	C\$838.60 Request Quote	3 In Stock 1
MORE+	Complete 12.5mm Dia Longpass Filter Kit		#66-135	C\$838.60 Request Quote	1 In Stock 1
MORE+	Complete 25.4mm Dia Longpass Filter Kit		#66-136	C\$1,818.60 Request Quote	1 In Stock 1
MORE+	Complete 50mm Dia Longpass Filter Kit		#66-137	C\$3,498.60 Request Quote	CONTACT US 1
MORE+	50/50.8mm Sq. Hoya/SCHOTT Colored Glass Longpass Filter Kit (8 Filters)		#17-014	C\$777.00 Request Quote	CONTACT US 1
MORE+	50/50.8mm Sq. Hoya/SCHOTT Complete Colored Glass Longpass Filter Kit (37 Filters)		#17-017	C\$3,080.00 Request Quote	CONTACT US 1

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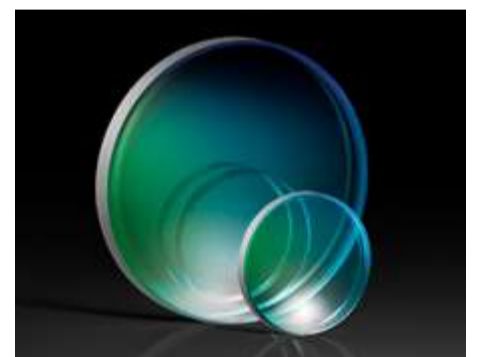
Manual Cage Filter Wheel



Fixed/Multiple Filter Mounts



Cotton-Tipped Swab Applicators



OD 2.0 Longpass Filters

Frequently Purchased Together



#32-762 - SCHOTT GG-435, 50.8mm Sq., 3mm Thick, Colored Glass Longpass Filter

C\$147.00



#34-296 - 325nm 25mm Dia., High Performance Longpass Filter

C\$385.00



#41-034 - 1200 Grooves, 50mm Square, 250nm Ruled Diffraction Grating

C\$413.00



#32-589 - 2.3" x 2.3", 1.3" FL, Aspheric Fresnel Lens

C\$58.80

Qty



Qty









Qty



Qty



Compatible Mounts

	Title	Type	Compare	Stock Number	Price	Buy
MORE+ 	40mm Sq., Fixed Filter Holder	Fixed		#54-997	C\$130.90 Request Quote	16 In Stock <input type="text" value="1"/>
MORE+ 	Filter Kinematic Mount, 2-Screw	Adjustable - Tip-Tilt		#58-874	C\$170.80 Request Quote	20+ In Stock <input type="text" value="1"/>
MORE+ 	60mm sq - Rectangular Bar Clamp	Fixed		#54-995	C\$176.40 Request Quote	20+ In Stock <input type="text" value="1"/>
MORE+ 	Filter Kinematic Mount, 3-Screw	Adjustable - Tip-Tilt		#58-875	C\$193.20 Request Quote	20+ In Stock <input type="text" value="1"/>
MORE+ 	50/50.8mm Sq. Kinematic Mount, 2 Screws	Adjustable - Tip-Tilt		#58-858	C\$200.20 Request Quote	20+ In Stock <input type="text" value="1"/>
MORE+ 	50/50.8mm Sq. Kinematic Mount, 3 Screws	Adjustable - Tip-Tilt		#58-861	C\$219.80 Request Quote	20+ In Stock <input type="text" value="1"/>

Check out our full selection of mounts [here](#).

Resources

Media Type

- Application Note
- Video
- Published Article
- FAQ
- Glossary
- Trending in Optics

 APPLICATION NOTE

The Importance of Optical Filter Orientation...

 APPLICATION NOTE

Custom Bandpass Filter using Shortpass an...

 VIDEO

Optical Filters Review

 VIDEO

Optical Filter Coatings: Comparison of Traditional a...

 PUBLISHED ARTICLE

Selecting Color Filter Glass for Life Science Applications

 FAQ

What type of material should I look for in a filter?

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