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Hoya R62 (620nm), 50mm Dia., 2.5mm Thick, Colored Glass Longpass Filter

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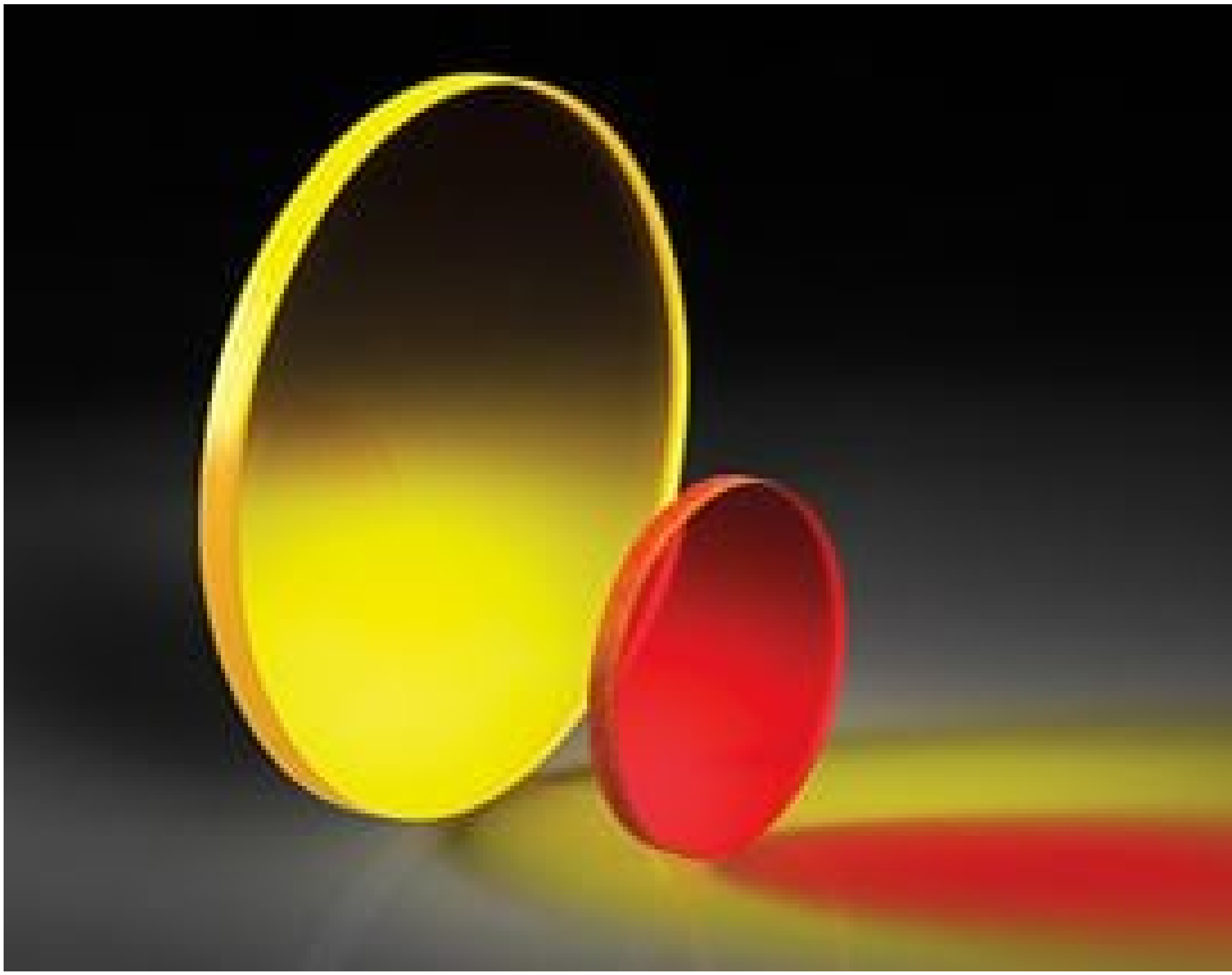

Stock **#66-095** **20+ In Stock**

- 1 + MRP ₹10,594

Price inclusive of all taxes

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Volume Pricing	
Qty 1-10	**₹10,594** each
Qty 11-49	**₹9,182** each
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Product Downloads

General

Type:

Longpass Filter

Physical & Mechanical Properties

Diameter (mm):

50.00

Thickness (mm):

2.50 ±0.2

Dimensional Tolerance (mm):
±0.38

Bevel:
Protective as needed

Optical Properties

Cut-Off Position λ_c (nm):
620±6

Cut-On Wavelength (nm):
620.00 ±6

Glass/Filter Number:
Hoya R62

Substrate:
Colored Glass

Coating:
Uncoated

Color:
Red

Surface Quality:
80-50

Wavelength:
VIS

Reflection Factor P_d:
0.92

Δλ (nm):
<25

TH (%):
>85

Material Properties

Density (g/cm^3):
2.68

Transformation Temperature (°C):
560

Regulatory Compliance

RoHS 2015:
Exempt

Reach 224:
Compliant

Certificate of Conformance:
View

Country of Origin:
United States

Imported By:
Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
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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.

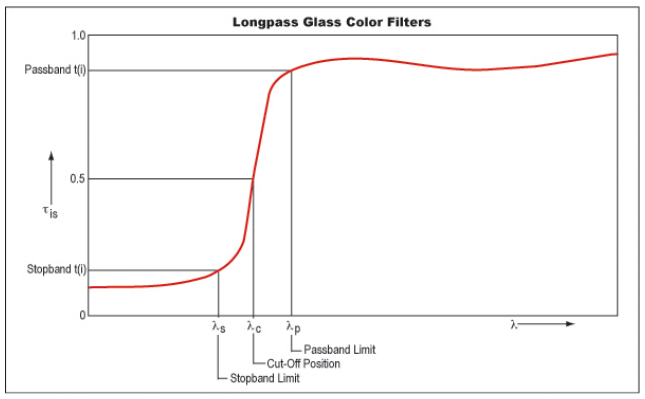
UV-VIS Kit Contains: WG 295, WG 305, WG 320, L 37, GG 400, GG 420, GG 435, GG 455
VIS Kit Contains: GG 475, GG 495, OG 515, OG 530, OG 550, OG 570, OG 590, RG 610
VIS-NIR Kit Contains: RG 630, RG 665, RG 695, RG 715, RG 780, RG 830, RG 850, RG 1000
Complete Filter Kits
Complete filter kits are available 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

Compatible Mounts

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