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Acrylic Filter 800nm 3mm thick, M40.5

Stock **#72-050** **1 In Stock**

- 1 + **£51.20**

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Volume Pricing	
Qty 1-9	**£51.20** each
Qty 10+	**£48.80** each
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General

Type:
Mounted Imaging Filter

Physical & Mechanical Properties

Clear Aperture CA (mm):
35.50

Outer Diameter (mm):
42.50

Construction:
Mounted in Black Anodized Ring

Substrate Thickness (mm):
1.00 & 3.00

Optical Properties

Cut-On Wavelength (nm):
800.00

Minimum Transmission (%):
≥90

Coating:
Hard Coated Coating applied to S1 only

Transmission Wavelength (nm):
815 - 1100

Threading & Mounting

Filter Thread:
M40.5 x 0.50

Mount Thickness (mm):
5.2

Mount Thickness Including Threads (mm):
7.0

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

Reach 242:
Compliant

Product Details

- High Efficiency, Oleophobic Anti-Reflection Coating
- M22.5 through M105 Threaded Mount Options Available
- For Imaging Applications in the UV, VIS, and NIR Ranges

Acrylic Protective Longpass Filters cover the UV, VIS, and NIR spectral ranges and are designed with high-efficiency, anti-reflection oleophobic coatings that resist smudging, minimize light loss, and enhance performance. These filters offer a cost-effective way to protect expensive lenses and lighting from dirt, dust, liquids, impacts, and harsh conditions while maintaining image quality. Mounted in threaded mounts ranging from M22.5 to M105, these filters can be easily integrated into a variety of imaging applications. Acrylic Protective Longpass Filters achieve high transmission rates, typically exceeding 90% within their designed wavelength range. These filters are ideal for a diverse range of imaging applications such as industrial camera housings, dashboard cameras, LCD screen protection, and thermal uses as well as FDA and EFSA applications where the use of glass is not permitted and thickness is a concern.

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