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**TECHSPEC® 25mm Diameter, 850nm Cut-On SWIR Longpass Filter**



Stock #86-450 **20+ In Stock**

- 1 + ₹7,084

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| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-9        | ₹7,084 each                   |
| Qty 10-25      | ₹6,384 each                   |
| Qty 26-49      | ₹6,072 each                   |
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Product Downloads

**General**

Longpass Filter **Type:**

**Physical & Mechanical Properties**

25.00 **Diameter (mm):**

1.20 ±0.15 **Thickness (mm):**

**Dimensional Tolerance (mm):**

+0.0/-0.2

**Optical Properties****Cut-On Wavelength (nm):**

850.00

**Substrate:** 

BOROFLOAT®

**Coating:**

Traditional Coated

**Rejection Wavelength (nm):**

350 - 835

**Surface Quality:**

80-50

**Transmission Wavelength (nm):**

880 - 2500

**Cut-On Wavelength (µm):**

0.85

**Coating Specification:**

T<sub>avg</sub> <0.5% @ 350 - 835nm  
 T<sub>avg</sub> >85% @ 880 - 1700 nm  
 T<sub>avg</sub> >75% @ 1700 - 2500nm

**Wavelength Range (nm):**

350 - 2500

**Surface Flatness (P-V):**

4 - 6λ

**Regulatory Compliance****RoHS 2015:**

Compliant

**Certificate of Conformance:**

View

**REACH 241:**

Compliant

**Country of Origin:**

United States

**Imported By:**

Edmund Optics India Private Limited

## Custom

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

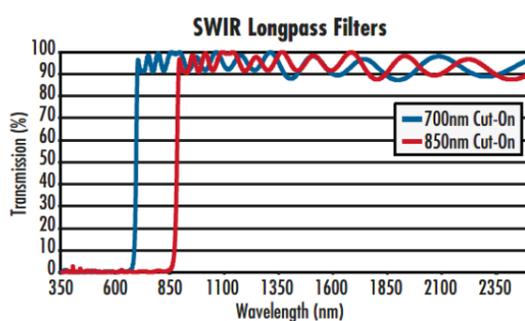
Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

## Product Details

- Block Visible Wavelengths
- Ideal for Machine Vision Applications
- Can Be Used as Cold Mirrors
- Additional [Longpass Edge Filters](#) Available

Designed to pass short-wave infrared (SWIR) wavelengths while blocking visible light, TECHSPEC® SWIR Longpass Filters are ideal for increasing the image quality of InGaAs cameras in a variety of machine vision applications. These longpass edge filters are offered in multiple sizes and cut-on wavelengths. TECHSPEC SWIR Longpass Filters can also be used as extended cold mirrors to eliminate damage or adverse effects caused by heat build-up.

## Technical Information



## Compatible Mounts

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