

TECHSPEC<sup>®</sup> 25mm Diameter, 850nm Cut-On SWIR Longpass Filter



Stock #86-450 20+ In Stock

-

1

+

€100<sup>.00</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-9        | €100,00 each                  |
| Qty 10-25      | €90,00 each                   |
| Qty 26-49      | €86,00 each                   |
| Need More?     | <a href="#">Request Quote</a> |

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Longpass Filter

Type:

Physical & Mechanical Properties

25.00

Diameter (mm):

1.20 ±0.15

Thickness (mm):

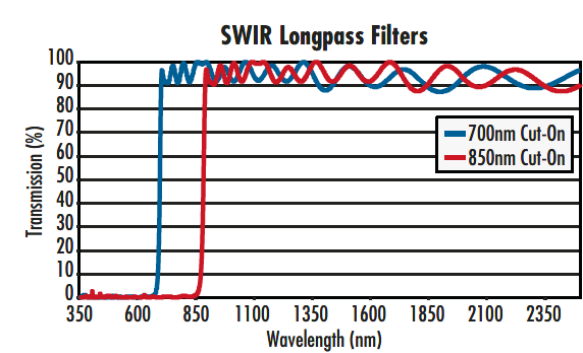
|                                       |  |
|---------------------------------------|--|
| Dimensional Tolerance (mm):           |  |
| +0.0/-0.2                             |  |
| Optical Properties                    |  |
| Cut-On Wavelength (nm):               |  |
| 850.00                                |  |
| Substrate: <span></span>              |  |
| 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                             |  |

## 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



## 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](#).

## Compatible Mounts

