

TECHSPEC[®] 50 x 50mm, 850nm Cut-On SWIR Longpass Filter



Stock **#86-452** 5 In Stock

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1

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€184^{,37}

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Volume Pricing	
Qty 1-9	€184,37 each
Qty 10-25	€165,83 each
Qty 26-49	€157,59 each
Need More?	Request Quote

Prices shown are exclusive of VAT/local taxes

Product Downloads

SPECIFICATIONS

General

Longpass Filter

Type:

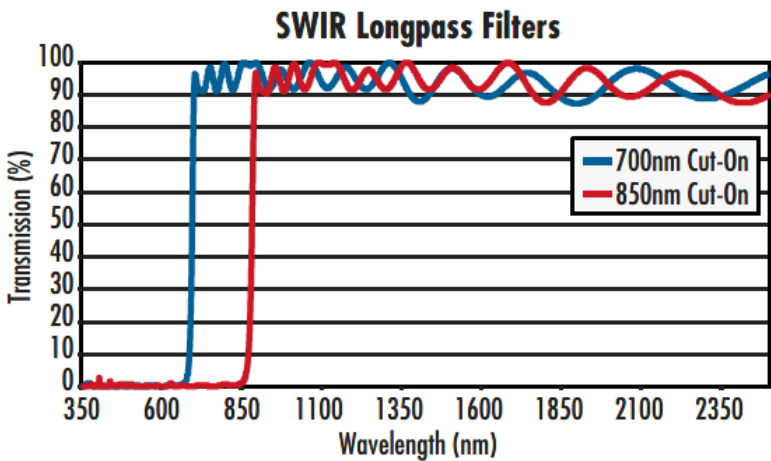
Physical & Mechanical Properties	
50.0 x50.0	Dimensions (mm):
50.00	Length (mm):
1.20 ±0.15	Thickness (mm):
50.00	Width (mm):
+0.0/-0.2	Dimensional Tolerance (mm):
Optical Properties	
850.00	Cut-On Wavelength (nm):
BOROFLOAT®	Substrate: ☐
Traditional Coated	Coating:
350 - 835	Rejection Wavelength (nm):
80-50	Surface Quality:
880 - 2500	Transmission Wavelength (nm):
0.85	Cut-On Wavelength (µm):
T _{avg} <0.5% @ 350 - 835nm T _{avg} >85% @ 880 - 1700 nm T _{avg} >75% @ 1700 - 2500nm	Coating Specification:
350 - 2500	Wavelength Range (nm):
4 - 6λ	Surface Flatness (P-V):
Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	REACH 241:

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
