

## SWIR M58 x 0.75 Mounted Machine Vision Filter

#28-806



Mounted Machine Vision Filters

해당 제품은 머신 비전 및 산업 이미징 어플리케이션에 적합합니다. 또한, 머신 비전에서 널리 사용되는 여러 필터 스레드(M22 - M105)가 제공되는 것이 특징입니다. 자외선(UV), 가시광선(VIS), 근적외선(NIR) 등 다양한 파장 대역을 활용할 수 있도록 하드 코팅 처리가 되어 있어 투과율과 대역 외 차단율이 우수합니다. 해당 제품은 가우시안 투과율 곡선을 토대로 설계되었습니다. 광대역 광원과 함께 사용하면 일반적인 LED 파장의 출력 프로파일에 도달합니다. 해당 제품은 다양한 타입의 이미징 렌즈와 호환 가능하지만, 각도 의존성(angular dependency)이 낮기 때문에 광시야에 적합합니다.

## General

Type: Mounted Bandpass Filter

## Physical & Mechanical Properties

Clear Aperture CA (mm):	53
Construction:	Mounted in Black Anodized Ring
Outer Diameter (mm):	60

## Optical Properties

Blocking Wavelength Range (nm):	750-840, 1200-1800
Color:	SWIR
Center Wavelength CWL (nm):	1,000.00
Full Width-Half Max FWHM (nm):	150.00
Minimum Transmission (%):	≥80

## Threading & Mounting

Filter Thread:	M58 x 0.75
Mount Thickness (mm):	5.2
Mount Thickness Including Threads (mm):	6.5



June 20, 2025

To Whom It May Concern,

This document certifies that the product stated below has been reviewed as requested by Edmund Optics:

재고 번호	제품설명
28-806	SWIR M58 x 0.75 Mounted Machine Vision Filter

This item is EU RoHS (2011/65/EU) compliant without the use of exemptions.

This certification means that:

- EO's suppliers have confirmed the material composition of this product.
- EO has implemented rigorous procedures to document this compliance.
- The information provided may, or may not, be based upon actual test data, or on information from our Vendors, Raw Material Suppliers or Subcontractors.



Jay Budd, Director of Corporate Compliance

June 20, 2025

Edmund Optics Inc. - 101 E Gloucester Pike, Barrington, NJ 08007 | 1-800-363-1992 | [Compliance@edmundoptics.com](mailto:Compliance@edmundoptics.com)



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Edmund Optics certifies that all articles included in this shipment are in compliance with the terms and conditions of this order. The company also certifies that the articles included in this shipment are in accordance to all agreed upon specifications and quality assurance provisions. Please call 1-800-363-1992 should any questions arise from this shipment.



Jeff Harvey- EVP of Operations



June 20, 2025

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This item falls under Entry 11 of Annex V of the REACH regulation as amended by regulation 987/2008, which exempts “non-hazardous” glass components from registration.

Please note the following:

- Entry 11 of Annex V of the REACH regulation EC 1907/2006 as amended by regulation 987/2008, exempts “non-hazardous” glass components from registration.
- Items considered to be packing materials and which do not form part of, or are not required for the operation of, the product, are not considered to be within scope of this declaration.
- EO does not routinely analyze products for substances not purposely added or specified within the design specifications, drawings and assembly procedures.

This certification means that:

- EO's suppliers have confirmed the material composition of this product.
- EO has implemented rigorous procedures to document this compliance.
- The information provided may, or may not, be based upon actual test data, or on information from our Vendors, Raw Material Suppliers or Subcontractors.



Jay Budd, Director of Corporate Compliance  
June 20, 2025

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