

## IR M105 x 1.00 Mounted Machine Vision Filter



Mounted Machine Vision Filters

Stock **#21-612** **1 In Stock**

MRP ₹93,324

**Price inclusive of all taxes**

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Volume Pricing	
Qty 1-9	₹93,324 each
Qty 10+	₹88,783 each
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### Product Downloads

### General

Mounted Imaging Filter **Type:**

### Physical & Mechanical Properties

100.00 **Clear Aperture CA (mm):**

Mounted in Black Anodized Ring **Construction:**

Outer Diameter (mm):

109.80

Substrate Thickness (mm):

1.8

## Optical Properties

Blocking Wavelength Range (nm):

200-782

Coating:

Hard Coated

Color:

IR

Center Wavelength CWL (nm):

850.00

Full Width-Half Max FWHM (nm):

160.00

Minimum Transmission (%):

≥85

## Threading & Mounting

Filter Thread:

M105 x1.00

Mount Thickness (mm):

5.7

Mount Thickness Including Threads (mm):

8.5

## Regulatory Compliance

Certificate of Conformance:

[View](#)

Reach 242:

[Compliant](#)

Country of Origin:

United States

Imported By:

Edmund Optics India Private Limited  
267, Greystone Building, Second Floor,  
6th Cross Rd, Binnamangala,  
Stage 1, Indiranagar, Bengaluru,  
Karnataka, India 560038  
Phone: +91- 80-6845 0000

## Product Details

- Optimized for Use with Popular LEDs
- Multiple Mounting Sizes and Threads Available to Ease System Compatibility
- ≥85% Transmission
- [TECHSPEC® High Performance Mounted Machine Vision Filters](#) and [Mounted Color Filters](#) Also Available

Mounted Machine Vision Filters are ideal for machine vision and industrial imaging applications. These mounted filters feature a wide range of common machine vision threads from M22 up to M105. Available in UV, VIS, and NIR wavelengths, these hard-coated filters provide exceptional transmission and out-of-band blocking. Mounted Machine Vision Filters are designed with a Gaussian transmission curve. When used with a broadband light source, Mounted Machine Vision Filters achieve the output profile of common LED wavelengths. While compatible with many types of imaging lenses, these filters are ideal for wide fields of view due to their low angular dependency.