

[See all 22 Products in Family](#)

[All Products](#) / [Optics](#) / [Polarization Optics](#) / [Linear Polarizers](#)  
 / [Absorptive \(Dichroic\) Polarizers](#) / [Laminated Film Polarizers](#)  
 / [Mounted Machine Vision Glass Linear Polarizers](#)

# M34 x 0.50 Machine Vision Mounted Linear Glass Polarizing Filter



Stock #21-715 **5 In Stock**



1 MRP ₹9,282


Price inclusive of all taxes

**ADD TO CART**

Volume Pricing	
Qty 1-9	₹9,282 each
Qty 10+	₹8,828 each
Need More?	<a href="#">Request Quote</a>

Product Downloads

 [Curve.pdf](#)  [EO Spec Sheet](#)

 [Download All](#)

## General

<b>Type:</b>	Mounted Imaging Filter
--------------	------------------------

## Physical & Mechanical Properties

<b>Clear Aperture CA (mm):</b>	29.00	<b>Diameter (mm):</b>	36.00
<b>Construction:</b>	Black Anodized Aluminum		

## Optical Properties

<b>Coating:</b>	Hardcoated	<b>Extinction Ratio:</b>	up to 3000:1 @ ~600nm (nominal)
<b>Surface Quality:</b>	40-20	<b>Wavelength Range (nm):</b>	400 - 700

## Threading & Mounting

<b>Filter Thread:</b>	M34 x 0.50	<b>Mount Thickness Including Threads (mm):</b>	9.6
-----------------------	------------	--	-----

## Regulatory Compliance

<b>RoHS 2015:</b>	<b>Compliant</b>	<b>Certificate of Conformance:</b>	<a href="#">View</a>
<b>Reach 242:</b>	<b>Compliant</b>		
<b>Country of Origin:</b>	United States	<b>Imported By:</b>	Edmund Optics India Private Limited 267, Greystone Building, Second Floor,

## Product Details

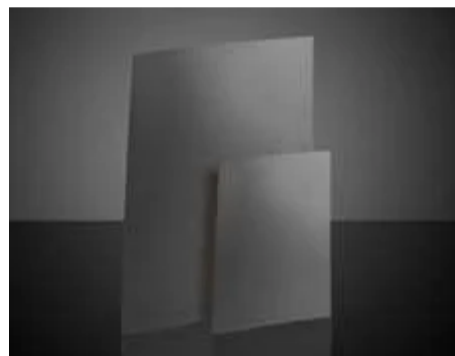
- Up to 3000:1 Extinction Ratio (nominal) @ ~600nm
- Mounted in a Rotating, Locking Housing
- 40-20 Surface Quality

Mounted Machine Vision Glass Linear Polarizers feature a rotatable threaded mount with a wide range of common machine vision threads from M22 to M105. A locking thumbscrew allows the polarizer to maintain its orientation in the event of vibrations or accidental movement in a system. In addition to polarizing incident unpolarized light, these linear polarizers can be used to greatly reduce specular glare and hot spots from reflective surfaces, smooth surfaces, or surfaces covered with grease, oil, or liquid. Mounted Machine Vision Glass Linear Polarizers are ideal for machine vision applications in manufacturing, industrial, and laboratory environments.

## Related Products



High Performance Glass  
Linear Polarizers



High Transmission Linear  
Polarizing Film (XP44-40)



Machine Vision Lighting



Machine Vision Filters

## Frequently Purchased Together



#33-301 - 6mm UC Series Fixed  
Focal Length Lens  
₹25,943



#33-308 - Filter Adapter M62 x 0.75  
from M40 x 0.5 (Female)  
₹4,301



#33-981 - Basler ace acA1920-40uc  
Color USB 3.0 Camera  
₹64,782



#45-853 - 25mm Dia 50R/50T, NIR  
Plate Beamsplitter  
₹15,033



## Resources

### Media Type

- Application Note
- Technical Tool
- Video
- FAQ

#### APPLICATION NOTE

Introduction to  
Polarization

#### TECHNICAL TOOL

Laser-Cut  
Polymer  
Polarizer and  
Retarder...

#### APPLICATION NOTE

Polymer  
Polarizers and  
Retarders

Glossary

Published Article

 APPLICATION NOTE

**Polarizer  
Selection  
Guide**

 APPLICATION NOTE

**Understanding  
Waveplates  
and Retarders**

 VIDEO

**How Do 3D  
Movies Work?  
Polarization**

[View More](#)