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M37.5 x 0.50 Machine Vision Mounted Linear Glass Polarizing Filter

Stock **#21-681** **3 In Stock**

- 1 + **S$137**.20

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Volume Pricing	
Qty 1-9	**S$137.20** each
Qty 10+	**S$130.20** each
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General

Type:
Mounted Imaging Filter

Physical & Mechanical Properties

Clear Aperture CA (mm):
32.50

Diameter (mm):
39.50

Construction:
Black Anodized Aluminum

Optical Properties

Coating:
Hardcoated

Extinction Ratio:
up to 3000:1 @~600nm (nominal)

Surface Quality:
40-20

Wavelength Range (nm):
400 - 700

Threading & Mounting

Filter Thread:
M37.5 x 0.50

Mount Thickness Including Threads (mm):
9.6

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

Reach 242:
Compliant

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.

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