

M82 x 0.75 Variable Neutral Density (ND) Filters



Variable Neutral Density (ND) Machine Vision Filter

Stock **#16-082** **3 In Stock**

-

1

+

S\$306¹⁷

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Volume Pricing	
Qty 1-9	S\$306.17 each
Qty 10+	S\$283.77 each
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SPECIFICATIONS

General

Neutral Density Filter

Type:

AR Coated

Note:

Physical & Mechanical Properties	
77.5	Clear Aperture CA (mm):
77.5	Clear Aperture (%):
Optical Properties	
0.5 - 4.0 @ 550 - 650nm	Optical Density OD (Average):
Polymer Film XP42	Substrate:
400 - 700	Blocking Wavelength Range (nm):
R _{avg} ≤2% @ 400 - 700nm	Coating Specification:
Threading & Mounting	
M82 x0.75	Filter Thread:
5.85	Mount Thickness (mm):
85 ±0.2	Mount Diameter (mm):
7.85	Mount Thickness Including Threads (mm):
Regulatory Compliance	
View	Certificate of Conformance:

PRODUCT DETAILS

- Continuous Attenuation of Illumination Intensity
 - Ideal for the Visible Spectrum
 - Variety of Common Machine Vision Threads Available
 - [Mounted Absorptive Neutral Density \(ND\) Filters](#) Also Available
- Variable Neutral Density (ND) Machine Vision Filters are designed for continuous attenuation of illumination intensity across the visible spectrum. Consisting of two linear polarizers ([XP42](#)) in an aluminum mount, one polarizer can be rotated with respect to the other and the transmitted light intensity can be adjusted. Variable Neutral Density (ND) Machine Vision Filters are available with common imaging lens filter threads to allow easy integration into machine vision or photography applications.