

[All Products](#) / [Optics](#) / [Optical Filters](#) / [Neutral Density \(ND\) Filters](#)

Variable Neutral Density (ND) Machine Vision Filters



- 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

Common Specifications

General

Note: AR Coated

Optical Properties

Optical Density OD (Average): 0.5 - 4.0 @ 550 - 650nm

Substrate: Polymer Film XP42

Blocking Wavelength Range (nm): 400 - 700

Coating Specification: $R_{avg} \leq 2\%$ @ 400 - 700nm

Threading & Mounting

Mount Thickness (mm): 5.85

Mount Thickness Including Threads (mm): 7.85

Technical Information

Products

Filter Thread	Optical Density OD (Average)	Stock Number	Price	Buy
M58 x 0.75	0.5 - 4.0 @ 550 - 650nm	#16-079	S\$242.20 Volume Pricing	4 In Stock
M67 x 0.75	0.5 - 4.0 @ 550 - 650nm	#16-080	S\$264.60 Volume Pricing	6 In Stock
M77 x 0.75	0.5 - 4.0 @ 550 - 650nm	#16-081	S\$289.80 Volume Pricing	2 In Stock
M82 x 0.75	0.5 - 4.0 @ 550 - 650nm	#16-082	S\$313.60 Volume Pricing	3 In Stock



Copyright 2024, Edmund Optics Singapore Pte. Ltd, 18 Woodlands Loop #04-00, Singapore 738100

[PRIVACY POLICY](#) [COOKIE POLICY](#) [TERMS & CONDITIONS](#)

Phone: 1-800-363-1992 :

www.edmundoptics.com