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Mounted M37 x 0.75 Threaded - Red Filter

Stock **#58-642** **1 In Stock**

- 1 + **£96.80**

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Volume Pricing	
Qty 1-9	**£96.80** each
Qty 10+	**£92.00** each
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Product Downloads

General

Note:
AR Coating: MgF_2

Type:
Mounted Imaging Filter

Type of Filter:
Hoya R-60 or equivalent

Physical & Mechanical Properties

Clear Aperture CA (mm):	32.5
Outer Diameter (mm):	39.0
Substrate Thickness (mm):	4.0
Thickness with Mount (mm):	4.50

Optical Properties

Color:	Red
Cut-On Wavelength (nm):	600.00
Glass/Filter Number:	R-60
Index of Refraction (n_d):	1.53
Substrate:	Colored Glass
Surface Quality:	80-50
Wavelength Range (nm):	400 - 700

Threading & Mounting

Filter Thread:	M37 x 0.75
Mount Thickness (mm):	4.5 ±0.3
Mount Thickness Including Threads (mm):	6.5

Regulatory Compliance

RoHS 2015:	Compliant
Certificate of Conformance:	View
Reach 242:	Compliant

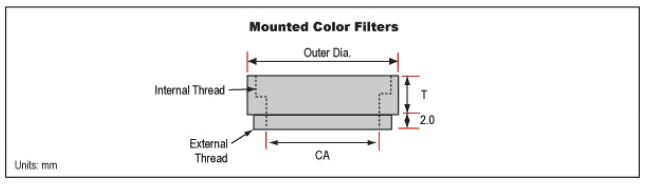
Product Details

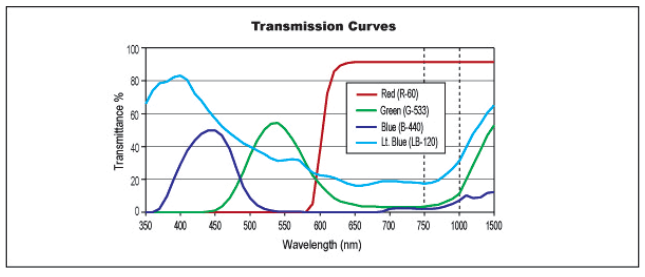
- Improve Contrast
- Isolate Spectral Regions/Colors
- Precision Colored Glass

Mounted Color Filters are ideal for machine vision and are best used with black-and-white cameras to yield increased contrast and resolution. Utilizing the principle "Like Colors Lighten Like Colors" will maximize results. Daylight Blue filters increase color temperature from 3300K to 5500K (daylight). Color camera settings (Red/Blue gain level and AWC) yield further optimization when used in conjunction with lamp selection (quartz-halogen and fluorescent). Mounted Color Filters provide wide fields of view unobtainable with angle-sensitive filters.

All filters can be threaded together via identical male and female threads on each mount. Color filters can also be used in conjunction with **mounted UV filters** to block unwanted ultraviolet light and protect the filters in extreme environments.

Technical Information





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