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Find the *Edmund Optics 58-432* at our website: ***Click HERE***

# TECHSPEC® 4.0X Silver Series Telecentric Lens



**Stock No.** #58-432

**Availability:** IN STOCK

**$1250.00**

1 or more for $1250.00.

## Specifications

| | |
|---|---|
| Primary Magnification PMAG | 4X |
| Maximum Camera Sensor Format | 2/3" |
| Field of View, 1/2" Sensor | 1.6mm |
| Field of View, 1/3" Sensor | 1.2mm |
| Working Distance (mm) | 44 |
| Working Distance Tolerance (mm) | ±3 |
| Depth of Field (mm) | ±0.03 at f/10 (20% @ 20 lp/mm) |
| Aperture (f/#) | f/6 - Closed |
| Numerical Aperture NA, Object Side | 0.32 |
| Resolution, Image Space MTF @ F10 | >40% @ 40 lp/mm |
| Typical Telecentricity @ 588nm (°) | <0.050 |
| Typical Distortion @ 588nm (%) | <0.060 |
| Coating | Lens Elements: BBAR from 425 - 675nm |
| Number of Elements (Groups) | 8 (7) |
| Filter Thread | M58 x 0.75 |
| Maximum Diameter (mm) | 61 |
| Length excluding Threads (mm) | 249 |
| Weight (g) | 850 |
| Mount | C-Mount |
| Construction | Anodized Aluminum |
| Type | Telecentric Lens |
| RoHS | A |

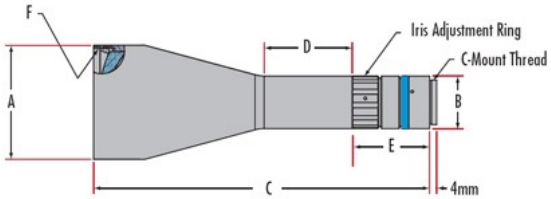
## Technical Information

| Stock Number | Primary Mag. | Max. Diameter A | Mounting Diameter B | Length C | Mounting Length D | Mounting Offset E | Filter Thread F |
|---|---|---|---|---|---|---|---|
| #56-675 | 0.16X | 65mm | 30mm | 191mm | 50mm | 43mm | M62 x 0.75 |

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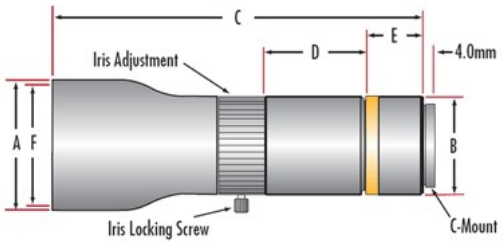
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| #63-073 | 0.20X | 60mm | 30mm | 188mm | 42mm | 45mm | M58 x 0.75 |
| #56-676 | 0.25X | 48mm | 30mm | 158mm | 49mm | 44mm | M46 x 0.75 |
| #58-428 | 0.30X | 46mm | 30mm | 158mm | 60mm | 43mm | M43 x 0.75 |
| #56-677 | 0.40X | 45mm | 30mm | 159mm | 67mm | 33mm | M43 x 0.75 |
| #63-074 | 0.50X | 40mm | 30mm | 153mm | 42mm | 68mm | M37 x 0.75 |
| #88-344 (In-Line) | | | | 156.2mm | 45.1mm | 73.4mm | |
| #56-678 | 0.60X | 42mm | 30mm | 156mm | 57mm | 46mm | M40.5 x 0.5 |
| #67-731 | 0.75X | 36mm | 30mm | 151.2mm | 34mm* | 82.2mm | M30.5 x 0.5 |
| #88-346 (In-Line) | | | | 155.2mm | 46.2mm | 16.9mm | |
| #58-430 | 1.0X | 40mm | 30mm | 114mm | 32mm* | 17mm | M37 x 0.75 |
| #58-431 | 2.0X | 45mm | 30mm | 141mm | 45mm | 17mm | M43 x 0.75 |
| #88-348 (In-Line) | | | | 144.6mm | 42.2mm | 18.8mm | |
| #58-432 | 4.0X | 61mm | 30mm | 249mm | 99mm | 17mm | M58 x 0.75 |

**0.16X - 0.60X**




Units: mm

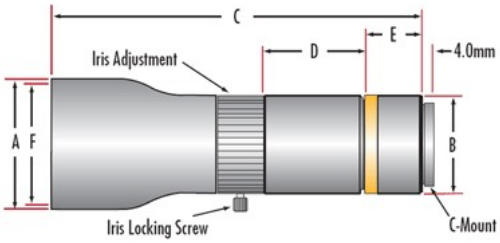
**1.0X - 4.0X**




Units: mm

*Mounting clamp fits over iris

**1.0X - 4.0X**




Units: mm

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