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SUBMIT

TECHSPEC® 8.5mm, 1/5.6 CI Series Fixed Focal Length Lens



8.5mm Focal Length

Stock #86-603 3-4 DAYS



1



€215,00

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Qty 1+

€215,00

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Iris Option:  
Fixed

Length (mm):  
33.98

Horizontal Field of View, 1/2" Sensor:  
88.3mm - 43.6°

Horizontal Field of View, 2/3" Sensor:  
128.6mm - 60.6°

Filter Thread:

|                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------|
| M30.5 x 0.50 with required adapter <a href="#">#89-932</a>                                                                     |
| <b>Maximum Diameter (mm):</b><br>26.5                                                                                          |
| <b>Weight (g):</b><br>34                                                                                                       |
| <b>Horizontal Field of View, 1/3" Sensor:</b><br>64.6mm - 32.6°                                                                |
| <b>Maximum Rear Protrusion (mm):</b><br>0.6                                                                                    |
| <b>Maximum Image Circle (mm):</b><br>11.00                                                                                     |
| <b>Numerical Aperture NA, Object Side:</b><br>0.0069                                                                           |
| <b>Horizontal Field of View @ Max Sensor Format:</b><br>128.6mm - 60.6°                                                        |
| <b>Number of Elements (Groups):</b><br>7 (5)                                                                                   |
| <b>Horizontal Field of View, 1/1.8" Sensor:</b><br>101.0mm - 49.2°                                                             |
| <b>Front Thread:</b><br>M22.0 x 0.5 (Male)                                                                                     |
| <b>Horizontal Field of View, 1/2.5" Sensor:</b><br>79.2mm - 39.5°                                                              |
| <b>Type:</b><br>Fixed Focal Length Lens                                                                                        |
| <b>Diameter (mm):</b><br>26.50                                                                                                 |
| <b>Focal Length FL (mm):</b><br>8.50                                                                                           |
| <b>Primary Magnification PMAG:</b><br>0.079                                                                                    |
| <b>Maximum Sensor Format:</b><br>2/3"                                                                                          |
| <b>Working Distance (mm):</b><br>100 - ∞                                                                                       |
| <b>Mount:</b><br>C-Mount                                                                                                       |
| <b>Aperture (f/#):</b><br>f/5.6                                                                                                |
| <b>Coating:</b><br>425 - 675nm BBAR                                                                                            |
| <b>Coating Specification:</b><br>425 - 675nm BBAR                                                                              |
| <b>Entrance Pupil Position (mm):</b><br>8.22                                                                                   |
| <b>Horizontal Field of View, 1/4" Sensor:</b><br>47.8mm - 24.4°                                                                |
| <b>Object Space Principal Plane (mm):</b><br>14.08                                                                             |
| <b>Image Space Principal Plane (mm):</b><br>6.67                                                                               |
| <b>Field of View at Max Sensor Format:</b><br>Horizontal: 124.9mm - 60.7°<br>Vertical: 88.9mm - 45°<br>Diagonal: 168.9mm - 77° |
| <b>Maximum Distortion (%):</b><br>-18.51                                                                                       |
| <b>Exit Pupil Position (mm):</b><br>-12.23                                                                                     |
| <b>Lens Wavelength Range:</b><br>VIS                                                                                           |
| <b>Storage Temperature (°C):</b><br>-20 to +60 For questions regarding operating temperature please contact our support team   |

Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>REACH 201:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |

