

In order to provide more accurate inventory information, please select your shipping country:

Select Your Country/Region: European Union



SUBMIT

TECHSPEC® 10mm FL 1/5.6, Blue Series M12 Lens



10mm FL Blue Series M12 Lens



Stock #83-941 3-4 DAYS



1



€100,00

ADD TO CART

Qty 1-49

€100,00

Qty 50+

€79,00

Volume Pricing

[Request Quote](#)

Prices shown are exclusive of VAT/local taxes

Get Product Downloads

Length (mm):  
17.00

Maximum Diameter (mm):  
14

|                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------|
| <b>Outer Diameter (mm):</b><br>14.0                                                                                              |
| <b>Weight (g):</b><br>5                                                                                                          |
| <b>Horizontal Field of View, 1/3" Sensor:</b><br>71.8mm - 27.1°                                                                  |
| <b>Maximum Image Circle (mm):</b><br>6.00                                                                                        |
| <b>Numerical Aperture NA, Object Side:</b><br>0.0056                                                                             |
| <b>Horizontal Field of View @ Max Sensor Format:</b><br>71.8mm - 27.1°                                                           |
| <b>Number of Elements (Groups):</b><br>5(4)                                                                                      |
| <b>Wavelength Range (nm):</b><br>400 - 700                                                                                       |
| <b>Type:</b><br>M12 Imaging Lens                                                                                                 |
| <b>Focal Length FL (mm):</b><br>10.00                                                                                            |
| <b>Primary Magnification PMAG:</b><br>0.067X                                                                                     |
| <b>Maximum Sensor Format:</b><br>1/3"                                                                                            |
| <b>Working Distance (mm):</b><br>150 - ∞                                                                                         |
| <b>Mount:</b><br>M12 x 0.5 (S-Mount)                                                                                             |
| <b>Aperture (f#):</b><br>f/5.6                                                                                                   |
| <b>Distortion (%):</b><br>-0.25 @ Full Field                                                                                     |
| <b>Back Focal Length BFL (mm):</b><br>6.6 - 6.3                                                                                  |
| <b>Coating Specification:</b><br>λ/4 MgF <sub>2</sub> @ 550nm                                                                    |
| <b>Entrance Pupil Position (mm):</b><br>8.45                                                                                     |
| <b>Horizontal Field of View, 1/4" Sensor:</b><br>53.8mm - 20.5°                                                                  |
| <b>Object Space Principal Plane (mm):</b><br>8.24                                                                                |
| <b>Image Space Principal Plane (mm):</b><br>-3.29                                                                                |
| <b>Field of View at Max Sensor Format:</b><br>Horizontal: 71.8mm - 27.1°<br>Vertical: 53.8mm - 20.5°<br>Diagonal: 89.9mm - 33.6° |
| <b>IR Cut Filter:</b><br>No                                                                                                      |
| <b>Exit Pupil Position (mm):</b><br>-3.08                                                                                        |
| <b>Lens Wavelength Range:</b><br>VIS                                                                                             |
| <b>Imaging Lens Type:</b><br>High Performance M12 Lens                                                                           |

## Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>Reach 223:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |