

TECHSPEC<sup>®</sup> 12.5mm Diameter VIS 0° Coated, Achromatic Lens Kit



Achromatic Lens Kit

Stock **#48-540** **1 In Stock**

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1

+

C\$980<sup>00</sup>

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| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1+         | C\$980.00 each                |
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Product Downloads

| General                                                                             |                   |
|-------------------------------------------------------------------------------------|-------------------|
| Focal Lengths Included (mm):<br>14, 20, 25, 30, 35, 40, 45, 50, 60, 75, 80, 90, 100 |                   |
| 13.00                                                                               | Number of Lenses: |
| Contents of Kit:                                                                    |                   |
| Achromatic Lens Kit                                                                 |                   |
| Physical & Mechanical Properties                                                    |                   |
| 12.50                                                                               | Diameter (mm):    |

| Optical Properties                   |                             |                        |
|--------------------------------------|-----------------------------|------------------------|
| VIS 0° (425-675nm)                   | Coating:                    |                        |
|                                      |                             |                        |
| R <sub>avg</sub> ≤0.4% @ 425 - 675nm | Coating Specification:      |                        |
|                                      |                             |                        |
| 425 - 675                            |                             | Wavelength Range (nm): |
|                                      |                             |                        |
| Regulatory Compliance                |                             |                        |
| <a href="#">View</a>                 | Certificate of Conformance: |                        |
|                                      |                             |                        |

Product Details

• Kits Available for 12.5mm and 25mm Diameter Lenses

• MgF<sub>2</sub>, VIS 0°, and VIS-NIR Coating Options

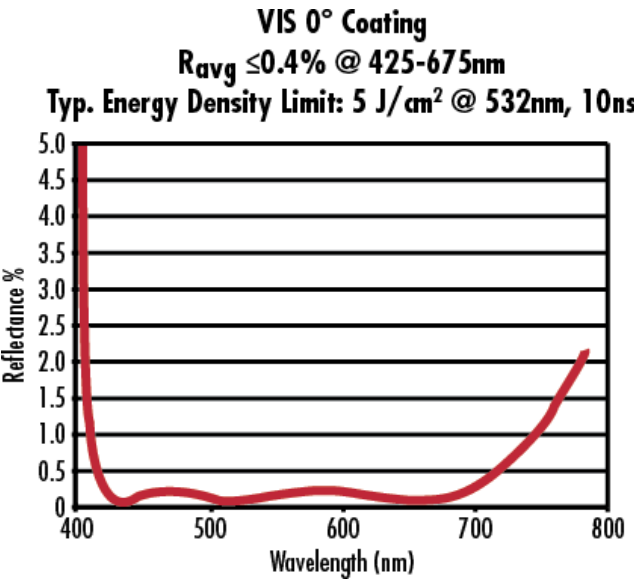
• Compatible with [Tube](#) and [Optical Cage System](#) Mechanics

• Note: Potential change of packaging

TECHSPEC® Achromatic Lens Kits contain our highest quality optics with various effective focal lengths to fit our optics mounts. All lenses feature an Anti-Reflection coating. For complete specifications on each lens within each kit, please refer to the table in the Technical Information tab.

**Note:** Due to supply chain issues, our kits may be delivered with an alternative packaging solution in place of a wooden box. For any questions, please contact [kits@edmundoptics.com](mailto:kits@edmundoptics.com).

Technical Information



| Lens Specifications        |                       |     | Coating Options          |                         |                         |
|----------------------------|-----------------------|-----|--------------------------|-------------------------|-------------------------|
| Effective Focal Length EFL | Back Focal Length BFL | f/# | MgF <sub>2</sub> Coating | VIS 0° Coating          | VIS-NIR Coating         |
| 14mm                       | 9.92mm                | 1.1 | <a href="#">#45-209</a>  | <a href="#">#47-660</a> | <a href="#">#49-321</a> |
| 20mm                       | 16.45mm               | 1.6 | <a href="#">#32-309</a>  | <a href="#">#47-661</a> | <a href="#">#49-322</a> |
| 25mm                       | 21.47mm               | 2.0 | <a href="#">#32-311</a>  | <a href="#">#47-662</a> | <a href="#">#49-323</a> |
| 30mm                       | 26.12mm               | 2.4 | <a href="#">#32-313</a>  | <a href="#">#47-663</a> | <a href="#">#49-324</a> |
| 35mm                       | 32.5mm                | 2.8 | <a href="#">#45-210</a>  | <a href="#">#47-664</a> | <a href="#">#49-325</a> |
| 40mm                       | 37.54mm               | 3.2 | <a href="#">#32-315</a>  | <a href="#">#47-665</a> | <a href="#">#49-326</a> |
| 45mm                       | 42.52mm               | 3.6 | <a href="#">#45-136</a>  | <a href="#">#47-666</a> | <a href="#">#49-327</a> |
| 50mm                       | 47.61mm               | 4.0 | <a href="#">#32-317</a>  | <a href="#">#47-667</a> | <a href="#">#49-328</a> |
| 60mm                       | 57.59mm               | 4.8 | <a href="#">#45-137</a>  | <a href="#">#47-668</a> | <a href="#">#49-329</a> |
| 75mm                       | 72.35mm               | 6.0 | <a href="#">#32-882</a>  | <a href="#">#47-669</a> | <a href="#">#49-330</a> |
| 80mm                       | 78.40mm               | 6.4 | <a href="#">#45-409</a>  | <a href="#">#47-670</a> | <a href="#">#49-331</a> |
| 90mm                       | 88.47mm               | 7.2 | <a href="#">#45-410</a>  | <a href="#">#47-671</a> | <a href="#">#49-332</a> |
| 100mm                      | 97.92mm               | 8.0 | <a href="#">#45-265</a>  | <a href="#">#47-672</a> | <a href="#">#49-333</a> |

| Lens Specifications        |                       |     | Coating Options          |                         |                         |
|----------------------------|-----------------------|-----|--------------------------|-------------------------|-------------------------|
| Effective Focal Length EFL | Back Focal length BFL | f/# | MgF <sub>2</sub> Coating | VIS 0° Coating          | VIS-NIR Coating         |
| 30.0mm                     | 22.23mm               | 1.2 | <a href="#">#45-211</a>  | <a href="#">#47-633</a> | <a href="#">#49-352</a> |
| 35.0mm                     | 27.55mm               | 1.4 | <a href="#">#32-319</a>  | <a href="#">#47-634</a> | <a href="#">#49-353</a> |
| 40.0mm                     | 33.26mm               | 1.6 | <a href="#">#32-321</a>  | <a href="#">#47-635</a> | <a href="#">#49-354</a> |
| 45.0mm                     | 39.28mm               | 1.8 | <a href="#">#45-212</a>  | <a href="#">#47-636</a> | <a href="#">#49-355</a> |
| 50.0mm                     | 43.53mm               | 2   | <a href="#">#32-323</a>  | <a href="#">#47-637</a> | <a href="#">#49-356</a> |
| 60.0mm                     | 52.23mm               | 2.4 | <a href="#">#32-724</a>  | <a href="#">#47-638</a> | <a href="#">#49-357</a> |
| 75.0mm                     | 70.39mm               | 3   | <a href="#">#32-325</a>  | <a href="#">#47-639</a> | <a href="#">#49-358</a> |

|         |          |     |         |         |         |
|---------|----------|-----|---------|---------|---------|
| 85.0mm  | 81.12mm  | 3.4 | #45-213 | #47-640 | #49-359 |
| 100.0mm | 95.92mm  | 4   | #32-327 | #47-641 | #49-360 |
| 125.0mm | 120.89mm | 5   | #32-492 | #47-642 | #49-361 |
| 150.0mm | 146.10mm | 6   | #32-494 | #47-643 | #49-362 |
| 175.0mm | 170.84mm | 7   | #32-884 | #47-644 | #49-363 |
| 200.0mm | 194.14mm | 8   | #32-917 | #47-645 | #49-364 |
| 225.0mm | 222.69mm | 9   | #45-214 | #47-646 | #49-365 |
| 250.0mm | 243.63mm | 10  | #32-919 | #47-647 | #49-366 |
| 300.0mm | 297.73mm | 12  | #45-215 | #47-649 | #49-368 |
| 400.0mm | 397.73mm | 16  | #45-216 | #47-650 | #49-369 |

## Coating Curves

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