

TECHSPEC®

25mm Diameter VIS-NIR Coated, Simple Lens Kit



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SPECIFICATIONS

General

23.00

Number of Lenses:

PCX, DCX, PCV, DCV Lens Kit

Type:

Note:

See Technical Information tab for focal lengths of included lenses.

Contents of Kit:  
PCX, DCX, PCV, DCV Lens Kit

Physical & Mechanical Properties

Diameter (mm):  
25.00 +0.00/-0.10

Bevel:  
Protective bevel as needed

Optical Properties

Coating:  
VIS-NIR (400-1000nm)

Coating Specification:  
R<sub>abs</sub> ≤0.25% @ 880nm  
R<sub>avg</sub> ≤1.25% @ 400 - 870nm  
R<sub>avg</sub> ≤1.25% @ 890 - 1000nm

Wavelength Range (nm):  
400 - 1000

Regulatory Compliance

RoHS:  
[Exempt](#)

Certificate of Conformance:  
[View](#)

PRODUCT DETAILS

- Simple Lens Kits Include PCX, DCX, PCV, and DCV Lenses
- Kits Available for 12mm and 25mm Diameter Lenses
- Uncoated or BBAR Coating Options
- Note: Potential change of packaging

TECHSPEC® Plano-Convex (PCX) and Simple Lens Kits are an ideal complement to any engineering or R&D laboratory. Offered with a variety of coating options, each lens kit contains our highest quality optics with various effective focal lengths. Available uncoated or with broadband anti-reflection (BBAR) coating options. Simple lens kits feature a selection of plano-convex (PCX), double-convex (DCX), plano-concave (PCV), and double-concave (DCV) lenses. These kits are available with 12 or 25mm diameters.

**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 | f/#  | Uncoated (#65-576)      | MgF <sub>2</sub> (#54-672) | VIS 0° (#48-161)        | VIS-NIR (#48-162)       | NIR I (#65-577)         |
| 12.00mm                    | 1.00 | <a href="#">#45-083</a> | <a href="#">#45-084</a>    | <a href="#">#47-329</a> | <a href="#">#45-480</a> | <a href="#">#48-732</a> |
| 15.00mm                    | 1.25 | <a href="#">#45-302</a> | <a href="#">#45-303</a>    | <a href="#">#47-330</a> | <a href="#">#45-481</a> | <a href="#">#48-733</a> |
| 18.00mm                    | 1.50 | <a href="#">#32-006</a> | <a href="#">#32-007</a>    | <a href="#">#47-331</a> | <a href="#">#45-482</a> | <a href="#">#48-734</a> |
| 24.00mm                    | 2.00 | <a href="#">#32-011</a> | <a href="#">#31-855</a>    | <a href="#">#47-332</a> | <a href="#">#45-483</a> | <a href="#">#48-735</a> |
| 30.00mm                    | 2.50 | <a href="#">#45-085</a> | <a href="#">#45-086</a>    | <a href="#">#47-333</a> | <a href="#">#45-484</a> | <a href="#">#48-736</a> |
| 36.00mm                    | 3.00 | <a href="#">#33-352</a> | <a href="#">#33-353</a>    | <a href="#">#33-354</a> | <a href="#">#33-355</a> | <a href="#">#33-356</a> |
| 42.00mm                    | 3.50 | <a href="#">#45-123</a> | <a href="#">#45-124</a>    | <a href="#">#47-335</a> | <a href="#">#45-485</a> | <a href="#">#48-738</a> |
| 48.00mm                    | 4.00 | <a href="#">#32-852</a> | <a href="#">#32-853</a>    | <a href="#">#47-336</a> | <a href="#">#45-486</a> | <a href="#">#48-739</a> |
| 54.00mm                    | 4.50 | <a href="#">#45-304</a> | <a href="#">#45-305</a>    | <a href="#">#47-337</a> | <a href="#">#45-487</a> | <a href="#">#48-740</a> |
| 60.00mm                    | 5.00 | <a href="#">#32-854</a> | <a href="#">#32-855</a>    | <a href="#">#47-338</a> | <a href="#">#45-488</a> | <a href="#">#48-741</a> |
| 72.00mm                    | 6.00 | <a href="#">#45-125</a> | <a href="#">#45-126</a>    | <a href="#">#47-339</a> | <a href="#">#45-705</a> | <a href="#">#48-742</a> |
| 84.00mm                    | 7.00 | <a href="#">#32-856</a> | <a href="#">#32-857</a>    | <a href="#">#47-340</a> | <a href="#">#45-489</a> | <a href="#">#48-743</a> |
| 100.00mm                   | 8.33 | <a href="#">#45-274</a> | <a href="#">#45-275</a>    | <a href="#">#47-341</a> | <a href="#">#45-490</a> | <a href="#">#48-744</a> |

| Lens Specifications        |      | Coating Options         |                            |                         |                         |                         |
|----------------------------|------|-------------------------|----------------------------|-------------------------|-------------------------|-------------------------|
| Effective Focal Length EFL | f/#  | Uncoated (#65-578)      | MgF <sub>2</sub> (#48-610) | VIS 0° (#48-611)        | VIS-NIR (#48-612)       | NIR I (#65-579)         |
| 25.00mm                    | 1.00 | <a href="#">#45-097</a> | <a href="#">#45-098</a>    | <a href="#">#47-342</a> | <a href="#">#45-504</a> | <a href="#">#48-766</a> |
| 30.00mm                    | 1.20 | <a href="#">#45-364</a> | <a href="#">#45-363</a>    | <a href="#">#47-343</a> | <a href="#">#45-505</a> | <a href="#">#48-767</a> |
| 35.00mm                    | 1.40 | <a href="#">#45-145</a> | <a href="#">#45-146</a>    | <a href="#">#47-344</a> | <a href="#">#45-506</a> | <a href="#">#48-768</a> |
| 40.00mm                    | 1.60 | <a href="#">#45-278</a> | <a href="#">#45-279</a>    | <a href="#">#47-345</a> | <a href="#">#45-507</a> | <a href="#">#48-769</a> |
| 50.00mm                    | 2.00 | <a href="#">#32-477</a> | <a href="#">#32-478</a>    | <a href="#">#47-346</a> | <a href="#">#45-508</a> | <a href="#">#48-770</a> |
| 60.00mm                    | 2.40 | <a href="#">#45-127</a> | <a href="#">#45-128</a>    | <a href="#">#47-347</a> | <a href="#">#45-509</a> | <a href="#">#48-771</a> |

|          |       |                         |                         |                         |                         |                         |
|----------|-------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| 75.00mm  | 3.00  | <a href="#">#32-479</a> | <a href="#">#32-480</a> | <a href="#">#47-348</a> | <a href="#">#45-510</a> | <a href="#">#48-772</a> |
| 100.00mm | 4.00  | <a href="#">#32-481</a> | <a href="#">#32-482</a> | <a href="#">#47-350</a> | <a href="#">#45-512</a> | <a href="#">#48-774</a> |
| 125.00mm | 5.00  | <a href="#">#32-861</a> | <a href="#">#32-862</a> | <a href="#">#47-351</a> | <a href="#">#45-513</a> | <a href="#">#48-775</a> |
| 150.00mm | 6.00  | <a href="#">#32-863</a> | <a href="#">#32-864</a> | <a href="#">#47-352</a> | <a href="#">#45-514</a> | <a href="#">#48-776</a> |
| 175.00mm | 7.00  | <a href="#">#32-865</a> | <a href="#">#32-866</a> | <a href="#">#47-353</a> | <a href="#">#45-515</a> | <a href="#">#48-777</a> |
| 200.00mm | 8.00  | <a href="#">#33-358</a> | <a href="#">#33-359</a> | <a href="#">#33-360</a> | <a href="#">#33-361</a> | <a href="#">#33-362</a> |
| 400.00mm | 16.00 | <a href="#">#33-364</a> | <a href="#">#33-365</a> | <a href="#">#33-366</a> | <a href="#">#33-367</a> | <a href="#">#33-368</a> |
| 500.00mm | 20.00 | <a href="#">#45-280</a> | <a href="#">#45-281</a> | <a href="#">#47-356</a> | <a href="#">#47-387</a> | <a href="#">#48-780</a> |

| Lens Specifications        |      | Coating Options           |                           |                           |                           |                            |
|----------------------------|------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|
| Effective Focal Length EFL | f/#  | 405nm V-Coat<br>(#66-117) | 532nm V-Coat<br>(#66-118) | 633nm V-Coat<br>(#66-119) | 785nm V-Coat<br>(#66-120) | 1064nm V-Coat<br>(#66-121) |
| 25.00mm                    | 1.00 | <a href="#">#65-464</a>   | <a href="#">#65-484</a>   | <a href="#">#65-504</a>   | <a href="#">#65-524</a>   | <a href="#">#65-544</a>    |
| 50.00mm                    | 2.00 | <a href="#">#65-465</a>   | <a href="#">#65-485</a>   | <a href="#">#65-505</a>   | <a href="#">#65-525</a>   | <a href="#">#65-545</a>    |
| 75.00mm                    | 3.00 | <a href="#">#65-466</a>   | <a href="#">#65-486</a>   | <a href="#">#65-506</a>   | <a href="#">#65-526</a>   | <a href="#">#65-546</a>    |
| 100.00mm                   | 4.00 | <a href="#">#65-467</a>   | <a href="#">#65-487</a>   | <a href="#">#65-507</a>   | <a href="#">#65-527</a>   | <a href="#">#65-547</a>    |
| 125.00mm                   | 5.00 | <a href="#">#65-468</a>   | <a href="#">#65-488</a>   | <a href="#">#65-508</a>   | <a href="#">#65-528</a>   | <a href="#">#65-548</a>    |

| Lens Specifications        |       |           | Coating Options         |                               |                         |                         |                         |
|----------------------------|-------|-----------|-------------------------|-------------------------------|-------------------------|-------------------------|-------------------------|
| Effective Focal Length EFL | f/#   | Lens Type | Uncoated<br>(#65-580)   | MgF <sub>2</sub><br>(#55-249) | VIS 0°<br>(#48-163)     | VIS-NIR<br>(#48-539)    | NIR I<br>(#66-109)      |
| 12.00mm                    | 1.00  | PCX       | <a href="#">#45-083</a> | <a href="#">#45-084</a>       | <a href="#">#47-329</a> | <a href="#">#45-480</a> | <a href="#">#48-732</a> |
| 24.00mm                    | 2.00  | PCX       | <a href="#">#32-011</a> | <a href="#">#31-855</a>       | <a href="#">#47-332</a> | <a href="#">#45-483</a> | <a href="#">#48-735</a> |
| 36.00mm                    | 3.00  | PCX       | <a href="#">#33-352</a> | <a href="#">#33-353</a>       | <a href="#">#33-354</a> | <a href="#">#33-355</a> | <a href="#">#33-356</a> |
| 48.00mm                    | 4.00  | PCX       | <a href="#">#32-852</a> | <a href="#">#32-853</a>       | <a href="#">#47-336</a> | <a href="#">#45-486</a> | <a href="#">#48-739</a> |
| 60.00mm                    | 5.00  | PCX       | <a href="#">#32-854</a> | <a href="#">#32-855</a>       | <a href="#">#47-338</a> | <a href="#">#45-488</a> | <a href="#">#48-741</a> |
| 12.00mm                    | 1.00  | DCX       | <a href="#">#32-014</a> | <a href="#">#32-015</a>       | <a href="#">#47-358</a> | <a href="#">#45-872</a> | <a href="#">#49-474</a> |
| 24.00mm                    | 2.00  | DCX       | <a href="#">#33-388</a> | <a href="#">#33-389</a>       | <a href="#">#33-390</a> | <a href="#">#33-391</a> | <a href="#">#33-392</a> |
| 36.00mm                    | 3.00  | DCX       | <a href="#">#32-869</a> | <a href="#">#32-870</a>       | <a href="#">#47-362</a> | <a href="#">#45-876</a> | <a href="#">#49-478</a> |
| 48.00mm                    | 4.00  | DCX       | <a href="#">#45-159</a> | <a href="#">#45-160</a>       | <a href="#">#47-363</a> | <a href="#">#45-877</a> | <a href="#">#49-479</a> |
| 72.00mm                    | 6.00  | DCX       | <a href="#">#32-871</a> | <a href="#">#32-872</a>       | <a href="#">#47-364</a> | <a href="#">#45-878</a> | <a href="#">#49-480</a> |
| -12.00mm                   | -1.00 | PCV       | <a href="#">#45-014</a> | <a href="#">#45-015</a>       | <a href="#">#47-905</a> | <a href="#">#45-916</a> | <a href="#">#49-525</a> |
| -24.00mm                   | -2.00 | PCV       | <a href="#">#45-016</a> | <a href="#">#45-017</a>       | <a href="#">#47-906</a> | <a href="#">#45-917</a> | <a href="#">#49-528</a> |
| -48.00mm                   | -4.00 | PCV       | <a href="#">#45-018</a> | <a href="#">#45-019</a>       | <a href="#">#47-907</a> | <a href="#">#45-918</a> | <a href="#">#49-530</a> |
| -12.00mm                   | -1.00 | DCV       | <a href="#">#32-988</a> | <a href="#">#32-989</a>       | <a href="#">#47-915</a> | <a href="#">#45-928</a> | <a href="#">#49-546</a> |

| Lens Specifications        |       |           | Coating Options         |                               |                         |                         |                         |
|----------------------------|-------|-----------|-------------------------|-------------------------------|-------------------------|-------------------------|-------------------------|
| Effective Focal Length EFL | f/#   | Lens Type | Uncoated<br>(#66-110)   | MgF <sub>2</sub><br>(#52-305) | VIS 0°<br>(#48-613)     | VIS-NIR<br>(#48-614)    | NIR I<br>(#66-111)      |
| 25.00mm                    | 1.00  | PCX       | <a href="#">#45-097</a> | <a href="#">#45-098</a>       | <a href="#">#47-342</a> | <a href="#">#45-504</a> | <a href="#">#48-766</a> |
| 50.00mm                    | 2.00  | PCX       | <a href="#">#32-477</a> | <a href="#">#32-478</a>       | <a href="#">#47-346</a> | <a href="#">#45-508</a> | <a href="#">#48-770</a> |
| 75.00mm                    | 3.00  | PCX       | <a href="#">#32-479</a> | <a href="#">#32-480</a>       | <a href="#">#47-348</a> | <a href="#">#45-510</a> | <a href="#">#48-772</a> |
| 100.00mm                   | 4.00  | PCX       | <a href="#">#32-481</a> | <a href="#">#32-482</a>       | <a href="#">#47-350</a> | <a href="#">#45-512</a> | <a href="#">#48-774</a> |
| 125.00mm                   | 5.00  | PCX       | <a href="#">#32-861</a> | <a href="#">#32-862</a>       | <a href="#">#47-351</a> | <a href="#">#45-513</a> | <a href="#">#48-775</a> |
| 150.00mm                   | 6.00  | PCX       | <a href="#">#32-863</a> | <a href="#">#32-864</a>       | <a href="#">#47-352</a> | <a href="#">#45-514</a> | <a href="#">#48-776</a> |
| 175.00mm                   | 7.00  | PCX       | <a href="#">#32-865</a> | <a href="#">#32-866</a>       | <a href="#">#47-353</a> | <a href="#">#45-515</a> | <a href="#">#48-777</a> |
| 200.00mm                   | 8.00  | PCX       | <a href="#">#33-358</a> | <a href="#">#33-359</a>       | <a href="#">#33-360</a> | <a href="#">#33-361</a> | <a href="#">#33-362</a> |
| 400.00mm                   | 16.00 | PCX       | <a href="#">#33-364</a> | <a href="#">#33-365</a>       | <a href="#">#33-366</a> | <a href="#">#33-367</a> | <a href="#">#33-368</a> |
| 25.00mm                    | 1.00  | DCX       | <a href="#">#32-489</a> | <a href="#">#32-490</a>       | <a href="#">#47-365</a> | <a href="#">#45-887</a> | <a href="#">#49-489</a> |
| 50.00mm                    | 2.00  | DCX       | <a href="#">#32-624</a> | <a href="#">#32-625</a>       | <a href="#">#47-368</a> | <a href="#">#45-890</a> | <a href="#">#49-492</a> |
| 75.00mm                    | 3.00  | DCX       | <a href="#">#32-626</a> | <a href="#">#32-627</a>       | <a href="#">#47-369</a> | <a href="#">#45-891</a> | <a href="#">#49-493</a> |
| 100.00mm                   | 4.00  | DCX       | <a href="#">#32-717</a> | <a href="#">#32-718</a>       | <a href="#">#47-370</a> | <a href="#">#45-892</a> | <a href="#">#49-494</a> |
| 125.00mm                   | 5.00  | DCX       | <a href="#">#32-873</a> | <a href="#">#32-874</a>       | <a href="#">#47-371</a> | <a href="#">#45-893</a> | <a href="#">#49-495</a> |
| 150.00mm                   | 6.00  | DCX       | <a href="#">#32-875</a> | <a href="#">#32-876</a>       | <a href="#">#47-372</a> | <a href="#">#45-894</a> | <a href="#">#49-496</a> |
| 175.00mm                   | 7.00  | DCX       | <a href="#">#32-877</a> | <a href="#">#32-878</a>       | <a href="#">#47-373</a> | <a href="#">#45-895</a> | <a href="#">#49-497</a> |
| 200.00mm                   | 8.00  | DCX       | <a href="#">#33-394</a> | <a href="#">#33-395</a>       | <a href="#">#33-396</a> | <a href="#">#33-397</a> | <a href="#">#33-398</a> |
| -25.00mm                   | -1.00 | PCV       | <a href="#">#45-030</a> | <a href="#">#45-031</a>       | <a href="#">#47-911</a> | <a href="#">#45-922</a> | <a href="#">#49-534</a> |
| -50.00mm                   | -2.00 | PCV       | <a href="#">#45-028</a> | <a href="#">#45-029</a>       | <a href="#">#47-912</a> | <a href="#">#45-923</a> | <a href="#">#49-536</a> |
| -100.00mm                  | -4.00 | PCV       | <a href="#">#45-026</a> | <a href="#">#45-027</a>       | <a href="#">#47-913</a> | <a href="#">#45-924</a> | <a href="#">#49-537</a> |
| -25.00mm                   | -1.00 | DCV       | <a href="#">#32-992</a> | <a href="#">#32-993</a>       | <a href="#">#47-917</a> | <a href="#">#45-930</a> | <a href="#">#49-550</a> |
| -50.00mm                   | -2.00 | DCV       | <a href="#">#32-996</a> | <a href="#">#32-997</a>       | <a href="#">#47-918</a> | <a href="#">#45-931</a> | <a href="#">#49-551</a> |
| -100.00mm                  | -4.00 | DCV       | <a href="#">#32-994</a> | <a href="#">#32-995</a>       | <a href="#">#47-919</a> | <a href="#">#45-932</a> | <a href="#">#49-552</a> |

| Lens Specifications        |       | Coating Options         |                         |                         |                         |                         |
|----------------------------|-------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Effective Focal Length EFL | f/#   | Uncoated<br>(#66-112)   | UV-AR<br>(#66-113)      | UV-VIS<br>(#66-114)     | VIS 0°<br>(#66-115)     | VIS-NIR<br>(#66-116)    |
| 38.00mm                    | 1.52  | <a href="#">#48-273</a> | <a href="#">#48-283</a> | <a href="#">#48-821</a> | <a href="#">#48-961</a> | <a href="#">#63-806</a> |
| 50.00mm                    | 2.00  | <a href="#">#48-274</a> | <a href="#">#48-284</a> | <a href="#">#48-822</a> | <a href="#">#48-962</a> | <a href="#">#63-807</a> |
| 60.00mm                    | 2.40  | <a href="#">#48-670</a> | <a href="#">#48-677</a> | <a href="#">#48-823</a> | <a href="#">#48-963</a> | <a href="#">#63-808</a> |
| 75.00mm                    | 3.00  | <a href="#">#48-275</a> | <a href="#">#48-285</a> | <a href="#">#48-824</a> | <a href="#">#48-964</a> | <a href="#">#63-809</a> |
| 100.00mm                   | 4.00  | <a href="#">#48-276</a> | <a href="#">#48-286</a> | <a href="#">#48-825</a> | <a href="#">#48-965</a> | <a href="#">#63-810</a> |
| 125.00mm                   | 5.00  | <a href="#">#48-277</a> | <a href="#">#48-287</a> | <a href="#">#48-826</a> | <a href="#">#48-966</a> | <a href="#">#63-811</a> |
| 150.00mm                   | 6.00  | <a href="#">#48-278</a> | <a href="#">#48-288</a> | <a href="#">#48-827</a> | <a href="#">#48-967</a> | <a href="#">#63-812</a> |
| 175.00mm                   | 7.00  | <a href="#">#48-279</a> | <a href="#">#48-289</a> | <a href="#">#48-828</a> | <a href="#">#48-968</a> | <a href="#">#63-813</a> |
| 200.00mm                   | 8.00  | <a href="#">#48-280</a> | <a href="#">#48-290</a> | <a href="#">#48-829</a> | <a href="#">#48-969</a> | <a href="#">#63-814</a> |
| 250.00mm                   | 10.00 | <a href="#">#48-281</a> | <a href="#">#48-291</a> | <a href="#">#48-830</a> | <a href="#">#48-970</a> | <a href="#">#63-815</a> |
| 400.00mm                   | 16.00 | <a href="#">#48-282</a> | <a href="#">#48-292</a> | <a href="#">#48-831</a> | <a href="#">#48-971</a> | <a href="#">#63-816</a> |

COATING CURVES

