

**TECHSPEC® 25mm Diameter VIS-NIR Coated, PCX Lens Kit**



Stock #48-612 **1 In Stock**

- 1 + C\$742.<sup>00</sup>

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| Qty 1+         | C\$742.00 each                |
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**General**

14.00 **Number of Lenses:**

PCXLens Kit **Type:**

See Technical Information tab for focal lengths of included lenses. **Note:**

PCXLens Kit **Contents of Kit:**

**Physical & Mechanical Properties**

Diameter (mm):  
25.00 +0.00/-0.10

Bevel:  
Protective 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

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 | #45-280 | #45-281 | #47-356 | #47-387 | #48-780 |
|----------|-------|---------|---------|---------|---------|---------|

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

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

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

| Lens Specifications        |      | Coating Options    |                 |                  |                  |                   |
|----------------------------|------|--------------------|-----------------|------------------|------------------|-------------------|
| Effective Focal Length EFL | f/#  | Uncoated (#66-112) | UV-AR (#66-113) | UV-VIS (#66-114) | VIS 0° (#66-115) | VIS-NIR (#66-116) |
| 38.00mm                    | 1.52 | #48-273            | #48-283         | #48-821          | #48-961          | #63-806           |
| 50.00mm                    | 2.00 | #48-274            | #48-284         | #48-822          | #48-962          | #63-807           |
| 60.00mm                    | 2.40 | #48-670            | #48-677         | #48-823          | #48-963          | #63-808           |

|          |       |         |         |         |         |         |
|----------|-------|---------|---------|---------|---------|---------|
| 75.00mm  | 3.00  | #48-275 | #48-285 | #48-824 | #48-964 | #63-809 |
| 100.00mm | 4.00  | #48-276 | #48-286 | #48-825 | #48-965 | #63-810 |
| 125.00mm | 5.00  | #48-277 | #48-287 | #48-826 | #48-966 | #63-811 |
| 150.00mm | 6.00  | #48-278 | #48-288 | #48-827 | #48-967 | #63-812 |
| 175.00mm | 7.00  | #48-279 | #48-289 | #48-828 | #48-968 | #63-813 |
| 200.00mm | 8.00  | #48-280 | #48-290 | #48-829 | #48-969 | #63-814 |
| 250.00mm | 10.00 | #48-281 | #48-291 | #48-830 | #48-970 | #63-815 |
| 400.00mm | 16.00 | #48-282 | #48-292 | #48-831 | #48-971 | #63-816 |

## Coating Curves

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