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TECHSPEC® 12mm Diameter NIR I Coated, PCX Lens Kit



Stock #65-577 [CONTACT US](#)

⊖ 1 ⊕ €471.⁰⁰

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|----------------|-------------------------------|
| Qty 1+ | €471,00 each |
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

13.00 **Number of Lenses:**

PCXLens Kit **Type:**

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

PCXLens Kit **Contents of Kit:**

Physical & Mechanical Properties

Diameter (mm):
12.00 +0.00/-0.10

Bevel:
Protective as needed

Optical Properties

Coating:
NIR I (600-1050nm)

Coating Specification:
R_{avg} ≤ 0.5% @ 600 - 1050nm

Wavelength Range (nm):
600 - 1050

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.

Technical Information

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

| Lens Specifications | | Coating Options | | | | |
|----------------------------|------|--------------------|----------------------------|------------------|-------------------|-----------------|
| Effective Focal Length EFL | f/# | Uncoated (#65-578) | MgF ₂ (#48-610) | VIS 0° (#48-611) | VIS-NIR (#48-612) | NIR I (#65-579) |
| 25.00mm | 1.00 | #45-097 | #45-098 | #47-342 | #45-504 | #48-766 |
| 30.00mm | 1.20 | #45-364 | #45-363 | #47-343 | #45-505 | #48-767 |
| 35.00mm | 1.40 | #45-145 | #45-146 | #47-344 | #45-506 | #48-768 |
| 40.00mm | 1.60 | #45-278 | #45-279 | #47-345 | #45-507 | #48-769 |
| 50.00mm | 2.00 | #32-477 | #32-478 | #47-346 | #45-508 | #48-770 |
| 60.00mm | 2.40 | #45-127 | #45-128 | #47-347 | #45-509 | #48-771 |
| 75.00mm | 3.00 | #32-479 | #32-480 | #47-348 | #45-510 | #48-772 |
| 100.00mm | 4.00 | #32-481 | #32-482 | #47-350 | #45-512 | #48-774 |
| 125.00mm | 5.00 | #32-861 | #32-862 | #47-351 | #45-513 | #48-775 |
| 150.00mm | 6.00 | #32-863 | #32-864 | #47-352 | #45-514 | #48-776 |
| 175.00mm | 7.00 | #32-865 | #32-866 | #47-353 | #45-515 | #48-777 |
| 200.00mm | 8.00 | #33-358 | #33-359 | #33-360 | #33-361 | #33-362 |

| | | | | | | |
|----------|-------|---------|---------|---------|---------|---------|
| 400.00mm | 16.00 | #33-364 | #33-365 | #33-366 | #33-367 | #33-368 |
| 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 ₂ (#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 ₂ (#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 |

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|----------|-------|---------|---------|---------|---------|---------|
| 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 |

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