

TECHSPEC[®] 12mm Diameter VIS-NIR Coated, PCX Lens Kit



Stock **#48-162** [CONTACT US](#)

-

1

+

€450¹¹

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Volume Pricing	
Qty 1+	€450,11 each
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SPECIFICATIONS

General

13.00Number of Lenses:

Optical KitType:

Note:

See Technical Information tab for focal lengths of included lenses.

PCX Lens Kit

Contents of Kit:

Physical & Mechanical Properties

12.00 +0.00/-0.10

Diameter (mm):

Protective as needed

Bevel:

Optical Properties

VS-NIR (400-1000nm)

Coating:

Coating Specification:

$R_{abs} \leq 0.25\% @ 880nm$
 $R_{avg} \leq 1.25\% @ 400 - 870nm$
 $R_{avg} \leq 1.25\% @ 890 - 1000nm$

400 - 1000

Wavelength Range (nm):

Regulatory Compliance

View

Certificate of Conformance:

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

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

