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**TECHSPEC® 12.5mm Diameter VIS-NIR Coated, Achromatic Lens Kit**



Achromatic Lens Kit

Stock #65-984 [CONTACT US](#)

⊖ 1 ⊕ C\$1,008<sup>00</sup>

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**General**

Focal Lengths Included (mm):  
14, 20, 25, 30, 35, 40, 45, 50, 60, 75, 80, 90, 100

Number of Lenses:  
13.00

Contents of Kit:  
Achromatic Lens Kit

**Physical & Mechanical Properties**

Diameter (mm):  
12.50

## Optical Properties

Coating:	VIS-NIR (400-1000nm)
Coating Specification:	$R_{\text{abs}} \leq 0.25\% @ 880\text{nm}$ $R_{\text{avg}} \leq 1.25\% @ 400 - 870\text{nm}$ $R_{\text{avg}} \leq 1.25\% @ 890 - 1000\text{nm}$
Wavelength Range (nm):	400 - 1000

## Regulatory Compliance

Certificate of Conformance:  
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## Product Details

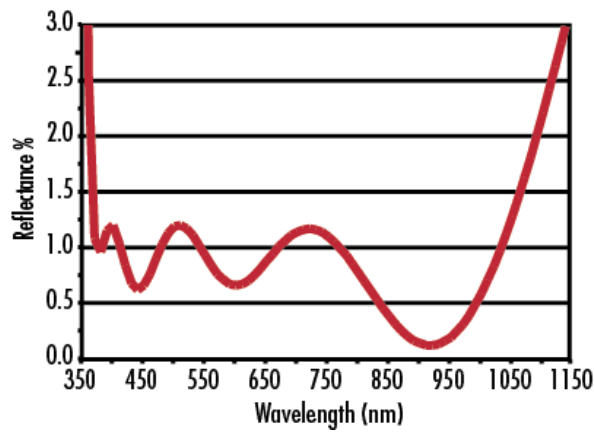
- Kits Available for 12.5mm and 25mm Diameter Lenses
- $\text{MgF}_2$ , VIS 0°, and VIS-NIR Coating Options
- Compatible with [Tube](#) and [Optical Cage System](#) Mechanics
- Note: Potential change of packaging

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

**VIS-NIR Coating**  
 $R_{\text{avg}} \leq 0.25\% @ 880\text{nm}$ ,  $R_{\text{avg}} \leq 1.25\% @ 400-1000\text{nm}$   
 Typ. Energy Density Limit:  $5 \text{ J/cm}^2 @ 532\text{nm}, 10\text{ns}$



Lens Specifications			Coating Options		
Effective Focal Length EFL	Back Focal Length BFL	f#	$\text{MgF}_2$ 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#	$\text{MgF}_2$ 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	#32-325	#47-639	#49-358
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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