

TECHSPEC[®] 1:1.25 with 40mm and 50mm EFL Achromats, 15mm Achromatic Pair



TECHSPEC Mounted Achromatic Lens Pairs

Stock **#55-275** **2 In Stock**

-

1

+

£167²⁰

ADD TO CART

Volume Pricing	
Qty 1-5	£167.20 each
Qty 6-25	£133.60 each
Qty 26-49	£128.80 each
Need More?	Request Quote

i Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Relay Lens

Type:

Physical & Mechanical Properties

9.5

Clear Aperture CA (mm):

Center Air Spacing (mm):

2.89	
	Housing Diameter (mm):
15 +0.0/-0.10	
	Housing Length (mm):
21 ±0.2	
	Lens Edge Spacing at Mount (mm):
4	
	Image Distance (mm):
43.47	
	Construction:
Achromat Pair in Anodized Aluminum Housing	

Optical Properties	
	Substrate: ☐
N-BK7 / N-SF5 / N-BK7 / N-SF5	
	Surface Quality:
40-20	
	Working f#:
f/5.28	
	Coating:
MgF ₂ (400-700nm)	
	Coating Specification:
R _{avg} ≤1.75% @400 - 700nm	
	Effective Focal Length EFL A (mm):
40.00	
	Effective Focal Length EFL B (mm):
50.00	
	Magnification:
1:1.25	
	Object Distance (mm):
33.30	
	Wavelength Range (nm):
400 - 700	

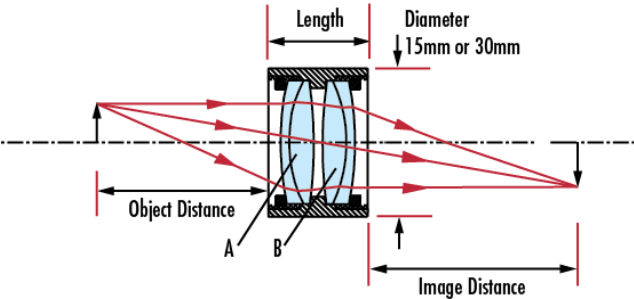
Regulatory Compliance	
	RoHS 2015:
Compliant	
	Reach 209:
Compliant	
	Certificate of Conformance:
View	

Product Details

- 15mm and 30mm Diameter Options
- AR Coated Lenses
- Mounted Achromatic Pairs Kits Available

TECHSPEC® Mounted Achromatic Lens Pairs combine popular TECHSPEC® Achromats into common configurations used for relay and projection applications. Packaged in slim-line aluminum housing, each pair is ready for integration into a host of OEM applications, eliminating the need to handle loose optics. 15.0mm pairs can be coupled into C-mount components using [Helicoid Barrel Accessory](#). TECHSPEC Mounted Achromatic Lens Pairs have also been oriented for optimum system performance. All lenses, 15.0mm and 30.0mm, are AR coated. Lower f# pairs may not be ideal for imaging applications depending on the performance requirements. Cylinder lenses can be incorporated into empty barrels in order to generate lines or sheets of light.

Technical Information



Coating Curves