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**TECHSPEC® 1:1.88 with 40mm and 75mm EFL Achromats, 30mm Achromatic Pair**



TECHSPEC Mounted Achromatic Lens Pairs

Stock **#46-009** [CONTACT US](#)

⊖ 1 ⊕ €264<sup>00</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-5	€264,00 each
Qty 6-25	€211,00 each
Qty 26-49	€205,00 each
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

**General**

Relay Lens **Type:**

**Physical & Mechanical Properties**

22.0 **Clear Aperture CA (mm):**

**Center Air Spacing (mm):**

3.72

Housing Diameter (mm):  
30 +0.0/-0.10

Housing Length (mm):  
34 ±0.2

Lens Edge Spacing at Mount (mm):  
8

Image Distance (mm):  
65.18

Construction:  
Achromat Pair in Anodized Aluminum Housing

### Optical Properties

Substrate:   
S-BAH11 / N-SF10 / N-BK7 / N-SF5

Surface Quality:  
40-20

Working f#:  
f/3.39

Coating:  
MgF<sub>2</sub> (400-700nm)

Coating Specification:  
R<sub>avg</sub> ≤ 1.75% @ 400 - 700nm

Effective Focal Length EFL A (mm):  
40.00

Effective Focal Length EFL B (mm):  
75.00

Magnification:  
1:1.88

Object Distance (mm):  
29.31

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