

TECHSPEC®

1:1 with 14mm and 14mm EFL Achromats, 15mm Achromatic Pair



TECHSPEC Mounted Achromatic Lens Pairs

Stock #43-992 **3 In Stock**

1 **£167^{.20}**

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

Prices shown are exclusive of VAT/local taxes

Product Downloads	
STEP:step	PDF Drawing:pdf
IGES:igs	Zemax:zar
Zemax:zmx	eDrawing:eprt
Code V:seq	EO Spec Sheet
Download All	

General

Type: Relay Lens

Physical & Mechanical Properties

Clear Aperture CA (mm): 9.5	Center Air Spacing (mm): 0.92
Housing Diameter (mm): 15 +0.0/-0.10	Housing Length (mm): 21 ±0.2
Lens Edge Spacing at Mount (mm): 4	Image Distance (mm): 7.11
Construction: Achromat Pair in Anodized Aluminum Housing	

Optical Properties

Substrate: N-BAF10 / N-SF5 / N-BAF10 / N-SF5	Surface Quality: 40-20
Working f/#: f/1.34	Coating: MgF ₂ (400-700nm)
Coating Specification: R _{avg} ≤1.75% @ 400 - 700nm	Effective Focal Length EFL A (mm): 14.00
Effective Focal Length EFL B (mm): 14.00	Magnification: 1:1

Object Distance (mm): 7.11

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

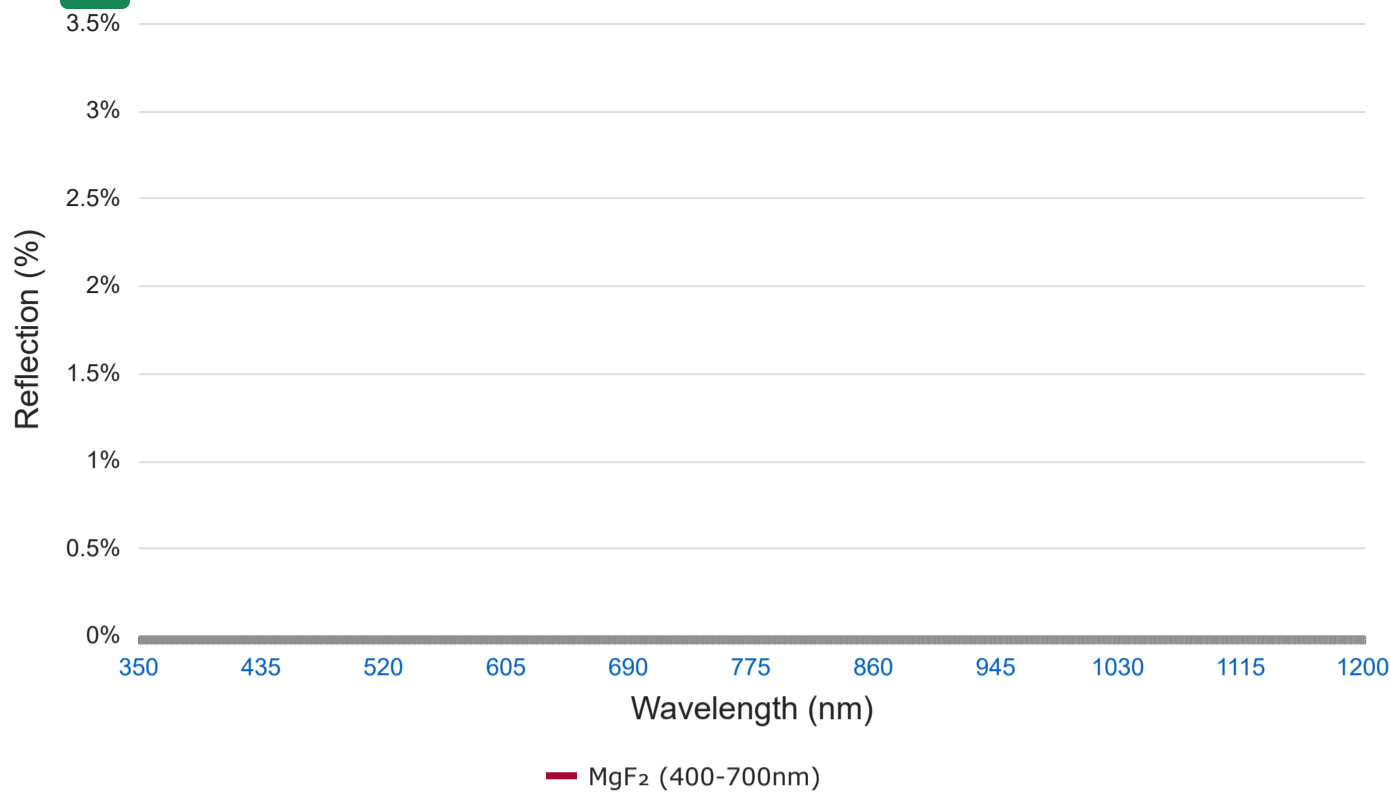
Accessories

Note: Compatible accessories for individual stock numbers may vary. If unsure about which accessories work with your products, please contact us [here](#).

	Title	Compare	Stock Number	Price	Buy
MORE+	15mm Barrel for 12.5mm Dia. Achromats		#54-513	£50.80 Volume Pricing Request Quote	3 In Stock <input type="text" value="1"/>
MORE+	30mm Barrel for 25.0mm Dia. Achromats		#54-514	£50.80 Volume Pricing Request Quote	20+ In Stock <input type="text" value="1"/>

Coating Curves

MgF₂ (400-700nm)



SHIFT + SELECT an area on CURVE to zoom

Please note that coating performance outside each product's specified design range is theoretical and may vary.

Related Products



Achromat Prototyping System



C-Mount Achromatic Pairs



Mounted Near-IR (NIR) Achromatic Lens Pairs



C-Mount Helicoid Barrels

Frequently Purchased Together



#03-618 - 5mm Spacer to convert CS-Mount Cameras to C-Mount
£23.20

Qty



#03-625 - 30mm - 50mm Length, C-Mount Fine Focus Tube
£94.40

Qty



#03-629 - C-Mount Double Male Thread Ring
£29.40

Qty



#34-301 - 375nm 12.5mm Dia., High Performance Longpass Filter
£164.00

Qty

Resources

Media Type

APPLICATION NOTE

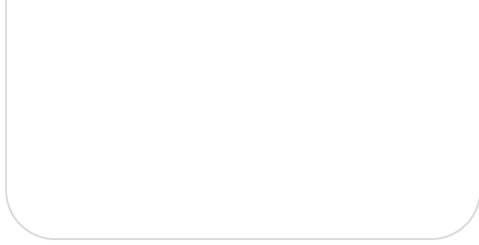
Anti-Reflection (AR) Coatings

APPLICATION NOTE

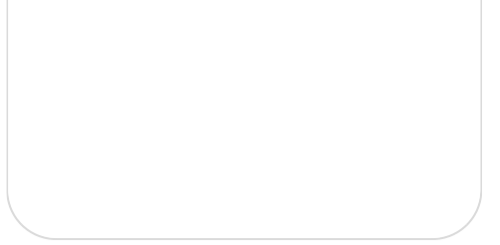
APPLICATION NOTE

Lens Geometry Performance Comparison

- Application Note
- Scientific Paper
- Video
- FAQ
- Glossary



An Introduction to Optical Coatings



SCIENTIFIC PAPER

Achrotech: achromat cost versus performance...

APPLICATION NOTE

Why Use an Achromatic Lens?

VIDEO

Achromatic Lenses Review

[View More](#)