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**TECHSPEC® 1:1 with 50mm and 50mm EFL Achromats, NIR Achromatic Pair**



TECHSPEC Mounted Near-IR (NIR) Achromatic Lens Pairs

Stock **#47-298** [CONTACT US](#)

1 MRP ₹27,644

Price inclusive of all taxes

**ADD TO CART**

Volume Pricing	
Qty 1-5	₹27,644 each
Qty 6-25	₹22,096 each
Qty 26-49	₹21,389 each
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Product Downloads

**General**

Relay Lens **Type:**

**Physical & Mechanical Properties**

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

**Center Air Spacing (mm):**

Housing Diameter (mm):

30.0 +0.0/-0.10

Housing Length (mm):

34.00 ±0.2

Image Distance (mm):

39.72

Construction:

Achromat Pair in Anodized Aluminum Housing

## Optical Properties

Substrate: □

N-LAK22 / N-SF6 / N-LAK22 / N-SF6

Surface Quality:

40-20

Working f#:

f/2.25

Coating:

NIR II (750-1550nm)

Coating Specification:

$R_{abs} \leq 1.5\%$  @ 750 - 800nm  
 $R_{abs} \leq 1.0\%$  @ 800 - 1550nm  
 $R_{avg} \leq 0.7\%$  @ 750 - 1550nm

Effective Focal Length EFL A (mm):

50.00

Effective Focal Length EFL B (mm):

50.00

Magnification:

1:1

Object Distance (mm):

39.72

Wavelength Range (nm):

750 - 1550

## Regulatory Compliance

Certificate of Conformance:

[View](#)

Country of Origin:

United States

Imported By:

Edmund Optics India Private Limited  
 267, Greystone Building, Second Floor,  
 6th Cross Rd, Binnamangala,  
 Stage 1, Indiranagar, Bengaluru,  
 Karnataka, India 560038  
 Phone: +91- 80-6845 0000

## Product Details

- 30mm Diameter Package Designed for NIR Applications
- Optimized for Various Magnification Ratios
- Ideal for Integration into OEM Applications
- NIR II Coated for 750-1550nm

Our 15.0mm and 30.0mm Mounted Achromatic Pairs combine our popular TECHSPEC® achromats into common configurations used for relay and projection applications. Packaged in a slim-line aluminum housing, each pair is ready for integration into a host of OEM applications, eliminating the need to handle loose optics. Each lens has also been oriented for optimum system performance. All lenses 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

