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**TECHSPEC® 1:1.33 with 75mm and 100mm EFL Achromats, NIR Achromatic Pair**



TECHSPEC Mounted Near-IR (NIR) Achromatic Lens Pairs

Stock **#47-301** [CONTACT US](#)

1 MRP ₹27,644

Price inclusive of all taxes

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

Relay Lens **Type:**

**Physical & Mechanical Properties**

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

**Center Air Spacing (mm):**

5.05

**Housing Diameter (mm):**

30.0 +0.0/-0.10

**Housing Length (mm):**

34.00 ±0.2

**Image Distance (mm):**

89.50

**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/4.55

**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):**

75.00

**Effective Focal Length EFL B (mm):**

100.00

**Magnification:**

1:1.33

**Object Distance (mm):**

64.24

**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

