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**TECHSPEC® 1:1.5 with 50mm and 75mm EFL Achromats, NIR Achromatic Pair**



TECHSPEC Mounted Near-IR (NIR) Achromatic Lens Pairs

Stock **#47-299** [CONTACT US](#)

⊖ 1 ⊕ ₹19,073

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| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | ₹19,073 each                  |
| Qty 6-25       | ₹15,259 each                  |
| Qty 26-49      | ₹14,792 each                  |
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Product Downloads

**General**

Relay Lens **Type:**

**Physical & Mechanical Properties**

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

3.97 **Center Air Spacing (mm):**

30.0 +0.0/-0.10 **Housing Diameter (mm):**

34.00 ±0.2 **Housing Length (mm):**

64.24 **Image Distance (mm):**

**Construction:**  
Achromat Pair in Anodized Aluminum Housing

## Optical Properties

**Substrate:** □  
N-LAK22 / N-SF6 / N-LAK22 / N-SF6

40-20 **Surface Quality:**

f/3.40 **Working f#:**

NIR II (750-1550nm) **Coating:**

**Coating Specification:**  
R<sub>abs</sub> ≤1.5% @ 750 - 800nm  
R<sub>abs</sub> ≤1.0% @ 800 - 1550nm  
R<sub>avg</sub> ≤0.7% @ 750 - 1550nm

50.00 **Effective Focal Length EFL A (mm):**

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

1:1.5 **Magnification:**

39.72 **Object Distance (mm):**

750 - 1550 **Wavelength Range (nm):**

## Regulatory Compliance

[View](#) **Certificate of Conformance:**

United States **Country of Origin:**

Edmund Optics India Private Limited **Imported By:**

## 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

