

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](#)

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+

C\$383<sup>60</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | C\$383.60 each                |
| Qty 6-25       | C\$306.60 each                |
| Qty 26-49      | C\$296.80 each                |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

| General                          |                          |
|----------------------------------|--------------------------|
| Relay Lens                       | Type:                    |
| Physical & Mechanical Properties |                          |
| 22.0                             | Clear Aperture CA (mm):  |
| 5.05                             | Center Air Spacing (mm): |

|                                                                                                                                                  |                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| 30.0 +0.0/-0.10                                                                                                                                  | Housing Diameter (mm):             |
| 34.00 ±0.2                                                                                                                                       | Housing Length (mm):               |
| 89.50                                                                                                                                            | Image Distance (mm):               |
| Achromat Pair in Anodized Aluminum Housing                                                                                                       | Construction:                      |
| Optical Properties                                                                                                                               |                                    |
| N-LAK22 / N-SF6 / N-LAK22 / N-SF6                                                                                                                | Substrate: □                       |
| 40-20                                                                                                                                            | Surface Quality:                   |
| f/4.55                                                                                                                                           | Working f/#:                       |
| NIR II (750-1550nm)                                                                                                                              | Coating:                           |
| Coating Specification:<br>R <sub>abs</sub> ≤1.5% @ 750 - 800nm<br>R <sub>abs</sub> ≤1.0% @ 800 - 1550nm<br>R <sub>avg</sub> ≤0.7% @ 750 - 1550nm |                                    |
| 75.00                                                                                                                                            | Effective Focal Length EFL A (mm): |
| 100.00                                                                                                                                           | Effective Focal Length EFL B (mm): |
| 1:1.33                                                                                                                                           | Magnification:                     |
| 64.24                                                                                                                                            | Object Distance (mm):              |
| 750 - 1550                                                                                                                                       | Wavelength Range (nm):             |
| Regulatory Compliance                                                                                                                            |                                    |
| View                                                                                                                                             | Certificate of Conformance:        |

## 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

