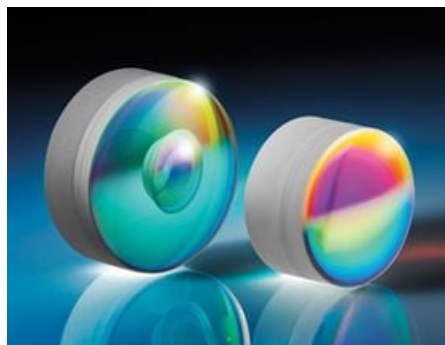


[All Products](#) / [Optics](#) / [Optical Lenses](#) / [Achromatic Lenses](#)

## TECHSPEC® Near-IR (NIR) Achromatic Lenses



- Designed to Give Increased Resolution and Smaller Spot Sizes for NIR Wavelengths (750-1100nm)
- Decreased Spherical Aberration for Monochromatic Sources Out to 2 $\mu$ m
- Broadband AR Coating has <1% Reflectivity Between 750–1550nm

### Common Specifications

#### Physical & Mechanical Properties

Bevel:

Protective as needed

#### Optical Properties

 Focal Length Tolerance  
 (%):  $\pm 1$ 

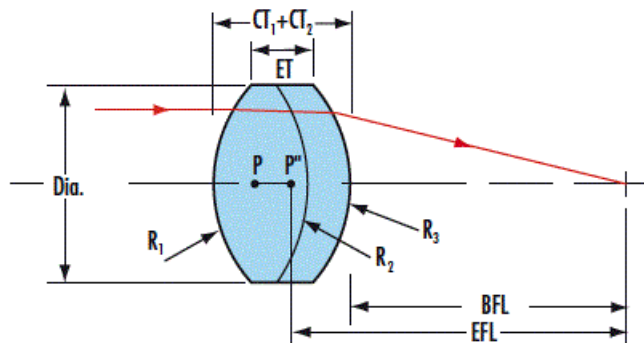
 Focal Length  
 Specification  
 Wavelength (nm): 880.00

Surface Quality: 40-20

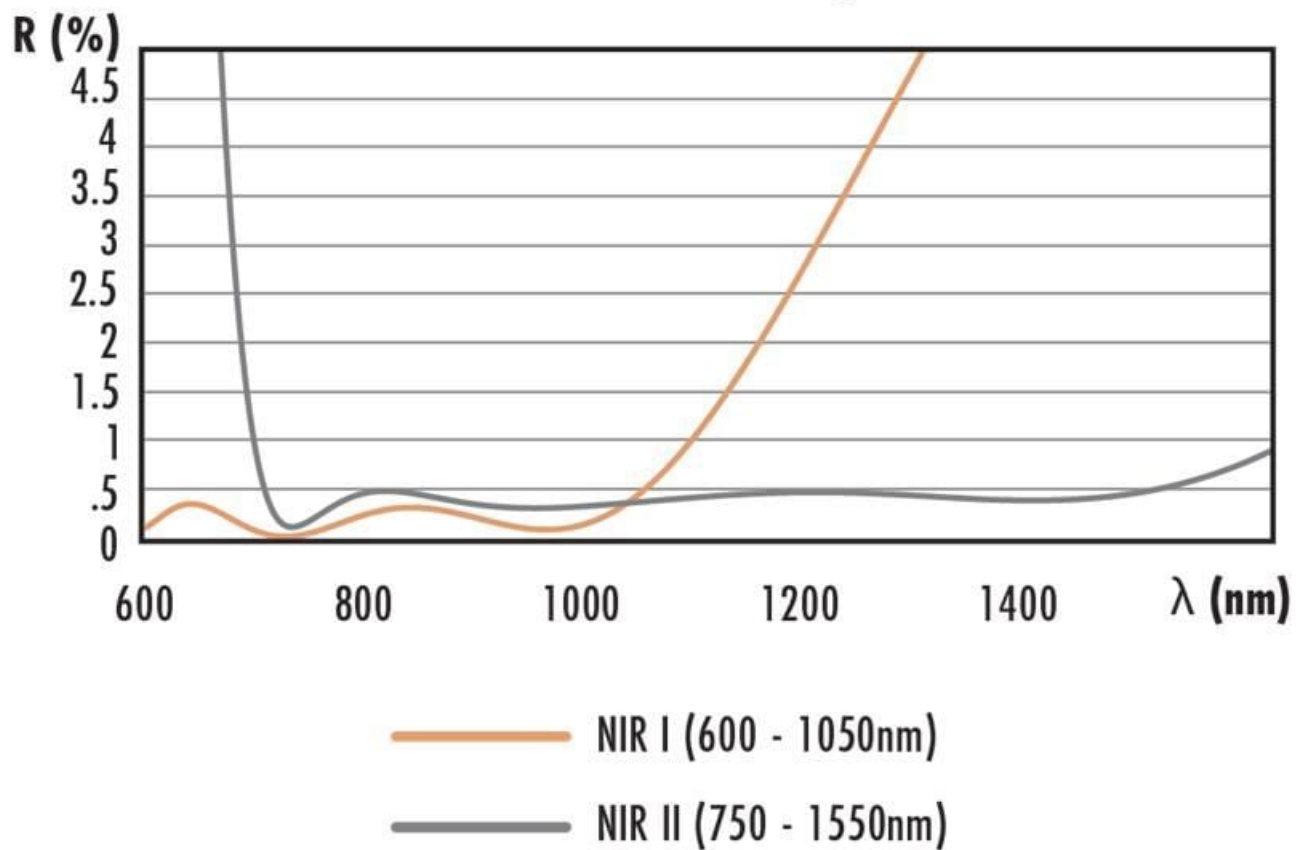
 Power (P-V) @ 632.8nm:  $1.5\lambda$ 

 Irregularity (P-V) @  
 632.8nm:  $\lambda/4$

## Technical Information



### NIR AR Coatings



## Products

| Dia.<br>(mm) | EFL<br>(mm) | BFL<br>(mm) | Substrate                        | Coating             | Stock<br>Number         | Price                                       | Buy          |
|--------------|-------------|-------------|----------------------------------|---------------------|-------------------------|---------------------------------------------|--------------|
| 25.00        | 35.00       | 26.87       | <a href="#">N-LAK22 / N-SF6</a>  | NIR I (600-1050nm)  | <a href="#">#22-488</a> | S\$195.65<br><a href="#">Volume Pricing</a> | 15 In Stock  |
| 25.00        | 40.00       | 31.74       | <a href="#">N-LAK22 / N-SF6</a>  | NIR I (600-1050nm)  | <a href="#">#22-489</a> | S\$195.65<br><a href="#">Volume Pricing</a> | 14 In Stock  |
| 25.00        | 45.00       | 37.80       | <a href="#">N-LAK22 / N-SF6</a>  | NIR I (600-1050nm)  | <a href="#">#22-490</a> | S\$195.65<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 25.00        | 50.00       | 43.29       | <a href="#">N-LAK22 / N-SF6</a>  | NIR I (600-1050nm)  | <a href="#">#22-491</a> | S\$195.65<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 25.00        | 60.00       | 52.96       | <a href="#">N-LAK22 / N-SF6</a>  | NIR I (600-1050nm)  | <a href="#">#22-492</a> | S\$195.65<br><a href="#">Volume Pricing</a> | 14 In Stock  |
| 25.00        | 75.00       | 69.06       | <a href="#">N-LAK22 / N-SF6</a>  | NIR I (600-1050nm)  | <a href="#">#22-493</a> | S\$195.65<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 25.00        | 100.00      | 93.89       | <a href="#">N-LAK22 / N-SF6</a>  | NIR I (600-1050nm)  | <a href="#">#22-494</a> | S\$195.65<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 25.00        | 150.00      | 143.90      | <a href="#">N-LAK22 / N-SF6</a>  | NIR I (600-1050nm)  | <a href="#">#22-495</a> | S\$195.65<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 25.00        | 30.00       | 21.96       | <a href="#">N-LAK14 / N-SF66</a> | NIR I (600-1050nm)  | <a href="#">#22-487</a> | S\$195.65<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 25.00        | 200.00      | 193.761     | <a href="#">N-LAK22 / N-SF6</a>  | NIR I (600-1050nm)  | <a href="#">#22-496</a> | S\$195.65<br><a href="#">Volume Pricing</a> | 1 In Stock   |
| 6.00         | 9.00        | 6.66        | <a href="#">N-LAK22 / N-SF6</a>  | NIR II (750-1550nm) | <a href="#">#45-783</a> | S\$153.83<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 6.00         | 12.00       | 9.30        | <a href="#">N-LAK22 / N-SF6</a>  | NIR II (750-1550nm) | <a href="#">#45-784</a> | S\$153.83<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 6.00         | 15.00       | 12.42       | <a href="#">N-LAK22 / N-SF6</a>  | NIR II (750-1550nm) | <a href="#">#45-785</a> | S\$153.83<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 6.00         | 25.00       | 22.24       | <a href="#">N-LAK22 / N-SF6</a>  | NIR II (750-1550nm) | <a href="#">#45-787</a> | S\$153.83<br><a href="#">Volume Pricing</a> | 16 In Stock  |
| 6.00         | 30.00       | 27.22       | <a href="#">N-LAK22 / N-SF6</a>  | NIR II (750-1550nm) | <a href="#">#45-788</a> | S\$153.83<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 6.00         | 35.00       | 32.22       | <a href="#">N-LAK22 / N-SF6</a>  | NIR II (750-1550nm) | <a href="#">#45-789</a> | S\$153.83<br><a href="#">Volume Pricing</a> | 20+ In Stock |

|       |       |       |                                  |                     |                         |                                             |              |
|-------|-------|-------|----------------------------------|---------------------|-------------------------|---------------------------------------------|--------------|
| 6.00  | 40.00 | 37.17 | <a href="#">N-LAK22 / N-SF6</a>  | NIR II (750-1550nm) | <a href="#">#45-790</a> | S\$153.83<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 9.00  | 12.00 | 6.60  | <a href="#">N-LAK14 / N-SF66</a> | NIR II (750-1550nm) | <a href="#">#65-435</a> | S\$161.30<br><a href="#">Volume Pricing</a> | 5 In Stock   |
| 9.00  | 15.00 | 11.59 | <a href="#">N-LAK22 / N-SF6</a>  | NIR II (750-1550nm) | <a href="#">#45-824</a> | S\$161.30<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 9.00  | 20.00 | 16.46 | <a href="#">N-LAK22 / N-SF6</a>  | NIR II (750-1550nm) | <a href="#">#45-825</a> | S\$161.30<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 9.00  | 30.00 | 26.50 | <a href="#">N-LAK22 / N-SF6</a>  | NIR II (750-1550nm) | <a href="#">#47-377</a> | S\$161.30<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 12.00 | 15.00 | 9.95  | <a href="#">N-LAK14 / N-SF66</a> | NIR II (750-1550nm) | <a href="#">#65-436</a> | S\$162.79<br><a href="#">Volume Pricing</a> | Contact Us   |
| 12.00 | 18.00 | 12.30 | <a href="#">N-LAK22 / N-SF6</a>  | NIR II (750-1550nm) | <a href="#">#45-791</a> | S\$162.79<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 12.00 | 20.00 | 14.18 | <a href="#">N-LAK22 / N-SF6</a>  | NIR II (750-1550nm) | <a href="#">#45-792</a> | S\$162.79<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 12.00 | 25.00 | 21.05 | <a href="#">N-LAK22 / N-SF6</a>  | NIR II (750-1550nm) | <a href="#">#45-793</a> | S\$162.79<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 12.00 | 30.00 | 25.83 | <a href="#">N-LAK22 / N-SF6</a>  | NIR II (750-1550nm) | <a href="#">#45-794</a> | S\$162.79<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 12.00 | 35.00 | 30.73 | <a href="#">N-LAK22 / N-SF6</a>  | NIR II (750-1550nm) | <a href="#">#45-795</a> | S\$162.79<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 12.00 | 40.00 | 35.67 | <a href="#">N-LAK22 / N-SF6</a>  | NIR II (750-1550nm) | <a href="#">#45-796</a> | S\$162.79<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 12.00 | 50.00 | 46.70 | <a href="#">N-LAK22 / N-SF6</a>  | NIR II (750-1550nm) | <a href="#">#45-797</a> | S\$162.79<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 12.00 | 60.00 | 56.67 | <a href="#">N-LAK22 / N-SF6</a>  | NIR II (750-1550nm) | <a href="#">#45-798</a> | S\$162.79<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 12.00 | 75.00 | 71.65 | <a href="#">N-LAK22 / N-SF6</a>  | NIR II (750-1550nm) | <a href="#">#45-799</a> | S\$162.79<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 15.00 | 20.00 | 14.14 | <a href="#">N-LAK14 / N-SF66</a> | NIR II (750-1550nm) | <a href="#">#65-437</a> | S\$176.23<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 15.00 | 25.00 | 19.49 | <a href="#">N-LAK22 / N-SF6</a>  | NIR II (750-1550nm) | <a href="#">#45-826</a> | S\$176.23<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 15.00 | 30.00 | 25.62 | <a href="#">N-LAK22 / N-SF6</a>  | NIR II (750-1550nm) | <a href="#">#45-827</a> | S\$176.23<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 25.00 | 30.00 | 21.96 | <a href="#">N-LAK14 / N-SF66</a> | NIR II (750-1550nm) | <a href="#">#65-438</a> | S\$200.13<br><a href="#">Volume Pricing</a> | 20+ In Stock |

|       |        |         |                                 |                     |                         |                                             |              |
|-------|--------|---------|---------------------------------|---------------------|-------------------------|---------------------------------------------|--------------|
| 25.00 | 35.00  | 26.87   | <a href="#">N-LAK22 / N-SF6</a> | NIR II (750-1550nm) | <a href="#">#45-800</a> | S\$200.13<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 25.00 | 40.00  | 31.74   | <a href="#">N-LAK22 / N-SF6</a> | NIR II (750-1550nm) | <a href="#">#45-801</a> | S\$200.13<br><a href="#">Volume Pricing</a> | Contact Us   |
| 25.00 | 45.00  | 37.80   | <a href="#">N-LAK22 / N-SF6</a> | NIR II (750-1550nm) | <a href="#">#45-802</a> | S\$200.13<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 25.00 | 50.00  | 43.29   | <a href="#">N-LAK22 / N-SF6</a> | NIR II (750-1550nm) | <a href="#">#45-803</a> | S\$200.13<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 25.00 | 60.00  | 52.96   | <a href="#">N-LAK22 / N-SF6</a> | NIR II (750-1550nm) | <a href="#">#45-804</a> | S\$200.13<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 25.00 | 75.00  | 69.06   | <a href="#">N-LAK22 / N-SF6</a> | NIR II (750-1550nm) | <a href="#">#45-805</a> | S\$200.13<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 25.00 | 100.00 | 93.89   | <a href="#">N-LAK22 / N-SF6</a> | NIR II (750-1550nm) | <a href="#">#45-806</a> | S\$200.13<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 25.00 | 150.00 | 143.90  | <a href="#">N-LAK22 / N-SF6</a> | NIR II (750-1550nm) | <a href="#">#47-380</a> | S\$200.13<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 25.00 | 200.00 | 193.761 | <a href="#">N-LAK22 / N-SF6</a> | NIR II (750-1550nm) | <a href="#">#47-271</a> | S\$200.13<br><a href="#">Volume Pricing</a> | Contact Us   |
| 50.00 | 100.00 | 87.86   | <a href="#">N-LAK22 / N-SF6</a> | NIR II (750-1550nm) | <a href="#">#47-317</a> | S\$400.26<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 50.00 | 150.00 | 139.87  | <a href="#">N-LAK22 / N-SF6</a> | NIR II (750-1550nm) | <a href="#">#47-318</a> | S\$400.26<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 50.00 | 200.00 | 191.15  | <a href="#">N-LAK22 / N-SF6</a> | NIR II (750-1550nm) | <a href="#">#47-319</a> | S\$400.26<br><a href="#">Volume Pricing</a> | 20+ In Stock |



Copyright 2024, Edmund Optics Singapore Pte. Ltd, 18 Woodlands Loop #04-00, Singapore 738100

[PRIVACY POLICY](#) [COOKIE POLICY](#) [TERMS & CONDITIONS](#)

Phone: 1-800-363-1992 :

[www.edmundoptics.com](http://www.edmundoptics.com)