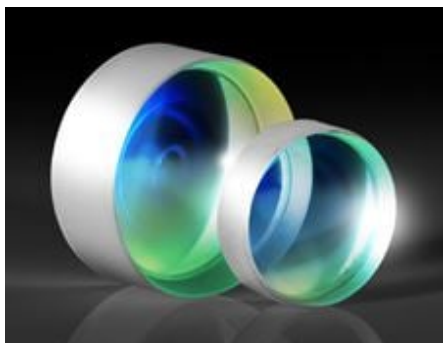


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## TECHSPEC® NIR I Coated Double-Concave (DCV) Lenses



- AR Coated to Provide <0.5% Reflectance per Surface for 600 - 1050nm
- Designed for 0° Angle of Incidence
- Various Coating Options: [Uncoated](#), [VIS-EXT](#), [MgF<sub>2</sub>](#), [VIS 0°](#), [VIS-NIR](#), and [NIR II](#)

### Common Specifications

#### Physical & Mechanical Properties

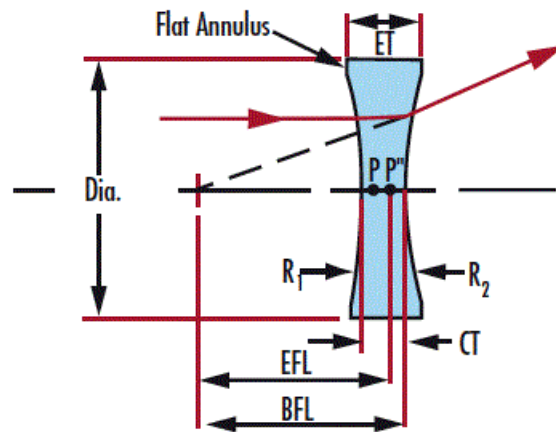
Bevel: Protective as needed

#### Optical Properties

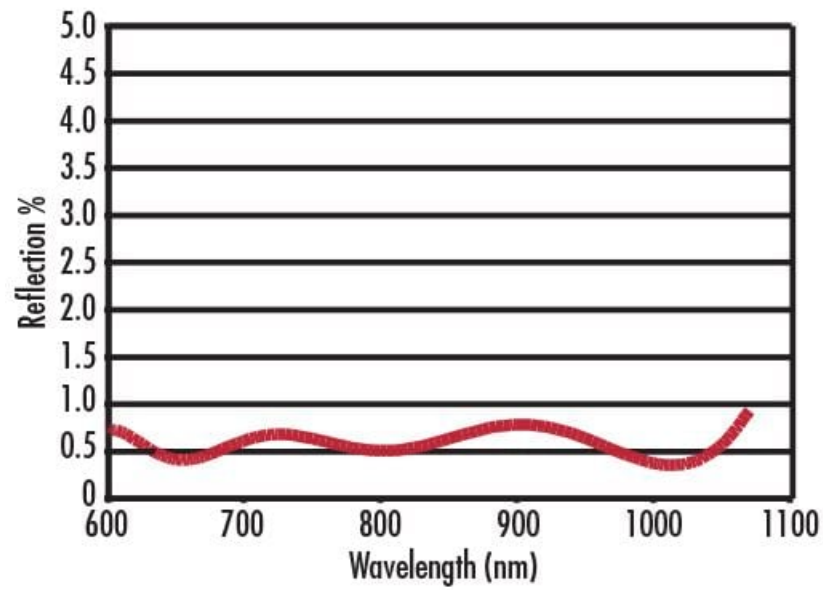
Coating: NIR I (600-1050nm)

|                                             |              |                               |                                     |
|---------------------------------------------|--------------|-------------------------------|-------------------------------------|
| Wavelength Range (nm):                      | 600 - 1050   | Coating Specification:        | $R_{avg} \leq 0.5\% @ 600 - 1050nm$ |
| Focal Length Specification Wavelength (nm): | 587.6        | Focal Length Tolerance (%):   | $\pm 1$                             |
| Surface Quality:                            | 40-20        | Damage Threshold, By Design:  | $7 J/cm^2 @ 1064nm, 10ns$           |
| Power (P-V) @ 632.8nm:                      | $1.5\lambda$ | Irregularity (P-V) @ 632.8nm: | $\lambda/4$                         |

## Technical Information



**NIR I Coating**  
 **$R_{avg} \leq 0.5\%$  @ 600 - 1050nm**  
**Typ. Energy Density Limit: 7 J/cm<sup>2</sup> @ 1064nm, 10ns**



## Products

| Dia.<br>(mm) | EFL<br>(mm) | BFL<br>(mm) | Coating            | Substrate              | Stock<br>Number         | Price                                      | Buy          |
|--------------|-------------|-------------|--------------------|------------------------|-------------------------|--------------------------------------------|--------------|
| 6.00         | -6.00       | -6.41       | NIR I (600-1050nm) | <a href="#">N-SF11</a> | <a href="#">#49-540</a> | S\$61.25<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 6.00         | -9.00       | -9.32       | NIR I (600-1050nm) | <a href="#">N-BK7</a>  | <a href="#">#49-541</a> | S\$61.25<br><a href="#">Volume Pricing</a> | 12 In Stock  |
| 6.00         | -12.00      | -12.33      | NIR I (600-1050nm) | <a href="#">N-BK7</a>  | <a href="#">#49-542</a> | S\$61.25<br><a href="#">Volume Pricing</a> | 8 In Stock   |
| 9.00         | -9.00       | -9.61       | NIR I (600-1050nm) | <a href="#">N-SF11</a> | <a href="#">#49-543</a> | S\$62.65<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 9.00         | -12.00      | -12.41      | NIR I (600-1050nm) | <a href="#">N-SF11</a> | <a href="#">#49-544</a> | S\$62.65<br><a href="#">Volume Pricing</a> | 1 In Stock   |
| 9.00         | -18.00      | -18.49      | NIR I (600-1050nm) | <a href="#">N-BK7</a>  | <a href="#">#49-545</a> | S\$62.65<br><a href="#">Volume Pricing</a> | 5 In Stock   |
| 12.00        | -12.00      | -12.81      | NIR I (600-1050nm) | <a href="#">N-SF11</a> | <a href="#">#49-546</a> | S\$65.80<br><a href="#">Volume Pricing</a> | Contact Us   |
| 12.00        | -18.00      | -18.65      | NIR I (600-1050nm) | <a href="#">N-BK7</a>  | <a href="#">#49-547</a> | S\$65.80<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 12.00        | -24.00      | -24.65      | NIR I (600-1050nm) | <a href="#">N-BK7</a>  | <a href="#">#49-548</a> | S\$65.80<br><a href="#">Volume Pricing</a> | 12 In Stock  |
| 20.00        | -20.00      | -20.55      | NIR I (600-1050nm) | <a href="#">N-SF11</a> | <a href="#">#49-549</a> | S\$67.90<br><a href="#">Volume Pricing</a> | 5 In Stock   |
| 25.00        | -25.00      | -25.69      | NIR I (600-1050nm) | <a href="#">N-SF11</a> | <a href="#">#49-550</a> | S\$71.40<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 25.00        | -50.00      | -50.82      | NIR I (600-1050nm) | <a href="#">N-BK7</a>  | <a href="#">#49-551</a> | S\$71.40<br><a href="#">Volume Pricing</a> | 2 In Stock   |
| 25.00        | -           | -           | NIR I (600-1050nm) | <a href="#">N-BK7</a>  | <a href="#">#49-552</a> | S\$71.40<br><a href="#">Volume Pricing</a> | 5 In Stock   |



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