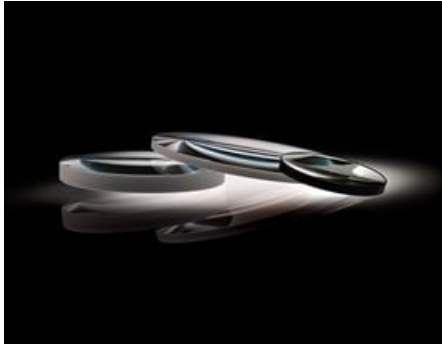


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## TECHSPEC® NIR I Coated Double-Convex (DCX) Lenses



- AR Coated to Provide <0.5% Reflectance per Surface for 600 - 1050nm
- Minimize Aberrations Including Spherical and Coma
- [UV Fused Silica DCX Lenses](#) Available
- Other Coating Options Available: [Uncoated](#), [MgF<sub>2</sub>](#), [VIS 0°](#), [NIR II](#), [VIS-EXT](#), [VIS-NIR](#), and [YAG-BBAR](#)

### Common Specifications

#### Physical & Mechanical Properties

**Bevel:** Protective as needed

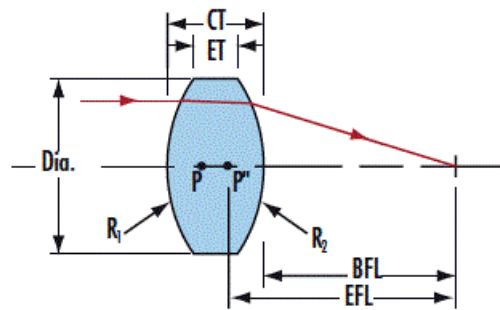
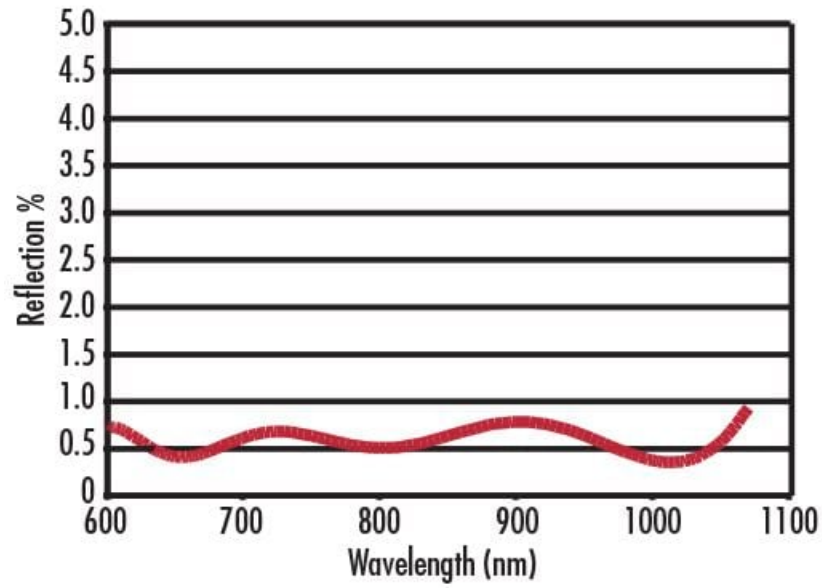
#### Optical Properties

**Coating:** NIR I (600-1050nm)

<b>Coating Specification:</b>	$R_{avg} \leq 0.5\% @ 600 - 1050nm$	<b>Power (P-V) @ 632.8nm:</b>	1.5λ
<b>Irregularity (P-V) @ 632.8nm:</b>	λ/4	<b>Focal Length Specification Wavelength (nm):</b>	587.6
<b>Wavelength Range (nm):</b>	600 - 1050	<b>Damage Threshold, By Design:</b>	7 J/cm <sup>2</sup> @ 1064nm, 10ns

# 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. (mm)	BFL (mm)	EFL (mm)	Coating	Substrate	Stock Number	Price	Buy
3.00	2.21	3.00	NIR I (600-1050nm)	<a href="#">N-SF5</a>	<a href="#">#49-451</a>	S\$96.33 <a href="#">Volume Pricing</a>	12 In Stock
3.00	3.78	4.50	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#49-452</a>	S\$96.33 <a href="#">Volume Pricing</a>	Contact Us
3.00	5.37	6.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#49-453</a>	S\$96.33 <a href="#">Volume Pricing</a>	5 In Stock
3.00	8.46	9.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#49-454</a>	S\$96.33 <a href="#">Volume Pricing</a>	20+ In Stock
4.50	3.70	4.50	NIR I (600-1050nm)	<a href="#">N-LASF44</a>	<a href="#">#49-455</a>	S\$96.33 <a href="#">Volume Pricing</a>	5 In Stock
4.50	8.16	9.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#49-456</a>	S\$96.33 <a href="#">Volume Pricing</a>	8 In Stock
5.00	4.19	5.00	NIR I (600-1050nm)	<a href="#">N-SF5</a>	<a href="#">#63-626</a>	S\$76.91 <a href="#">Volume Pricing</a>	8 In Stock
5.00	9.31	10.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#63-627</a>	S\$76.91 <a href="#">Volume Pricing</a>	9 In Stock
5.00	14.33	15.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#63-628</a>	S\$76.91 <a href="#">Volume Pricing</a>	14 In Stock
5.00	19.50	20.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#63-629</a>	S\$76.91 <a href="#">Volume Pricing</a>	Contact Us
5.00	24.50	25.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#63-630</a>	S\$76.91 <a href="#">Volume Pricing</a>	Contact Us
6.00	5.19	6.00	NIR I (600-1050nm)	<a href="#">N-SF5</a>	<a href="#">#49-457</a>	S\$61.23 <a href="#">Volume Pricing</a>	15 In Stock
6.00	8.22	9.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#49-458</a>	S\$61.23 <a href="#">Volume Pricing</a>	8 In Stock
6.00	11.18	12.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#49-459</a>	S\$61.23 <a href="#">Volume Pricing</a>	20+ In Stock
6.00	17.26	18.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#49-460</a>	S\$61.23 <a href="#">Volume Pricing</a>	14 In Stock
6.00	23.13	24.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#49-461</a>	S\$61.23 <a href="#">Volume Pricing</a>	Contact Us

6.00	29.23	30.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#49-462</a>	S\$61.23 <a href="#">Volume Pricing</a>	7 In Stock
6.00	35.33	36.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#49-463</a>	S\$61.23 <a href="#">Volume Pricing</a>	4 In Stock
9.00	7.90	9.00	NIR I (600-1050nm)	<a href="#">N-SF5</a>	<a href="#">#49-464</a>	S\$62.73 <a href="#">Volume Pricing</a>	7 In Stock
9.00	12.56	13.50	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#49-465</a>	S\$62.73 <a href="#">Volume Pricing</a>	20+ In Stock
9.00	17.12	18.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#49-466</a>	S\$62.73 <a href="#">Volume Pricing</a>	1 In Stock
9.00	26.08	27.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#49-467</a>	S\$62.73 <a href="#">Volume Pricing</a>	6 In Stock
9.00	35.15	36.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#49-468</a>	S\$62.73 <a href="#">Volume Pricing</a>	Contact Us
9.00	44.17	45.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#49-469</a>	S\$62.73 <a href="#">Volume Pricing</a>	20+ In Stock
10.00	8.89	10.00	NIR I (600-1050nm)	<a href="#">N-SF5</a>	<a href="#">#63-631</a>	S\$62.73 <a href="#">Volume Pricing</a>	20+ In Stock
10.00	13.80	15.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#63-632</a>	S\$62.73 <a href="#">Volume Pricing</a>	13 In Stock
10.00	19.16	20.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#63-633</a>	S\$62.73 <a href="#">Volume Pricing</a>	Contact Us
10.00	24.16	25.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#63-634</a>	S\$62.73 <a href="#">Volume Pricing</a>	1 In Stock
10.00	29.17	30.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#63-635</a>	S\$62.73 <a href="#">Volume Pricing</a>	5 In Stock
10.00	39.16	40.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#63-636</a>	S\$62.73 <a href="#">Volume Pricing</a>	11 In Stock
10.00	49.17	50.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#63-637</a>	S\$62.73 <a href="#">Volume Pricing</a>	3 In Stock
10.00	99.17	100.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#63-638</a>	S\$62.73 <a href="#">Volume Pricing</a>	20+ In Stock
12.00	10.79	12.00	NIR I (600-1050nm)	<a href="#">N-SF5</a>	<a href="#">#49-474</a>	S\$67.21 <a href="#">Volume Pricing</a>	20+ In Stock
12.00	16.81	18.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#49-475</a>	S\$65.71 <a href="#">Volume Pricing</a>	20+ In Stock
12.00	22.65	24.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#33-392</a>	S\$65.71 <a href="#">Volume Pricing</a>	10 In Stock

12.00	28.75	30.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#49-477</a>	S\$65.71 <a href="#">Volume Pricing</a>	20+ In Stock
12.00	34.90	36.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#49-478</a>	S\$65.71 <a href="#">Volume Pricing</a>	9 In Stock
12.00	47.09	48.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#49-479</a>	S\$65.71 <a href="#">Volume Pricing</a>	5 In Stock
12.00	71.07	72.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#49-480</a>	S\$65.71 <a href="#">Volume Pricing</a>	5 In Stock
15.00	13.68	15.00	NIR I (600-1050nm)	<a href="#">N-SF11</a>	<a href="#">#49-481</a>	S\$67.21 <a href="#">Volume Pricing</a>	15 In Stock
15.00	18.99	20.00	NIR I (600-1050nm)	<a href="#">N-SF11</a>	<a href="#">#63-639</a>	S\$65.71 <a href="#">Volume Pricing</a>	20+ In Stock
15.00	21.29	22.50	NIR I (600-1050nm)	<a href="#">N-SF11</a>	<a href="#">#49-482</a>	S\$65.71 <a href="#">Volume Pricing</a>	Contact Us
15.00	23.82	25.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#63-640</a>	S\$65.71 <a href="#">Volume Pricing</a>	Contact Us
15.00	28.82	30.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#49-483</a>	S\$65.71 <a href="#">Volume Pricing</a>	14 In Stock
15.00	44.00	45.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#63-641</a>	S\$65.71 <a href="#">Volume Pricing</a>	3 In Stock
15.00	49.00	50.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#49-484</a>	S\$65.71 <a href="#">Volume Pricing</a>	8 In Stock
15.00	59.00	60.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#63-642</a>	S\$65.71 <a href="#">Volume Pricing</a>	20+ In Stock
18.00	16.69	18.00	NIR I (600-1050nm)	<a href="#">N-SF11</a>	<a href="#">#63-643</a>	S\$67.21 <a href="#">Volume Pricing</a>	5 In Stock
18.00	25.25	27.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#49-485</a>	S\$67.21 <a href="#">Volume Pricing</a>	20+ In Stock
18.00	34.59	36.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#49-486</a>	S\$67.21 <a href="#">Volume Pricing</a>	17 In Stock
20.00	18.55	20.00	NIR I (600-1050nm)	<a href="#">N-SF11</a>	<a href="#">#63-646</a>	S\$68.33 <a href="#">Volume Pricing</a>	6 In Stock
20.00	23.86	25.00	NIR I (600-1050nm)	<a href="#">N-SF11</a>	<a href="#">#63-647</a>	S\$68.33 <a href="#">Volume Pricing</a>	Contact Us
20.00	28.20	30.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#49-487</a>	S\$68.33 <a href="#">Volume Pricing</a>	9 In Stock
20.00	38.44	40.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#49-488</a>	S\$68.33 <a href="#">Volume Pricing</a>	5 In Stock

20.00	48.84	50.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#63-648</a>	S\$68.33 <a href="#">Volume Pricing</a>	5 In Stock
20.00	58.67	60.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#63-649</a>	S\$68.33 <a href="#">Volume Pricing</a>	2 In Stock
20.00	78.67	80.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#63-650</a>	S\$68.33 <a href="#">Volume Pricing</a>	6 In Stock
25.00	22.47	25.00	NIR I (600-1050nm)	<a href="#">N-SF5</a>	<a href="#">#49-489</a>	S\$69.07 <a href="#">Volume Pricing</a>	9 In Stock
25.00	28.31	30.00	NIR I (600-1050nm)	<a href="#">N-SF5</a>	<a href="#">#63-651</a>	S\$67.95 <a href="#">Volume Pricing</a>	5 In Stock
25.00	32.81	35.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#49-490</a>	S\$68.33 <a href="#">Volume Pricing</a>	8 In Stock
25.00	38.21	40.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#49-491</a>	S\$68.33 <a href="#">Volume Pricing</a>	14 In Stock
25.00	48.29	50.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#49-492</a>	S\$68.33 <a href="#">Volume Pricing</a>	Contact Us
25.00	73.84	75.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#49-493</a>	S\$68.33 <a href="#">Volume Pricing</a>	6 In Stock
25.00	98.95	100.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#49-494</a>	S\$68.33 <a href="#">Volume Pricing</a>	1 In Stock
25.00	123.84	125.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#49-495</a>	S\$68.33 <a href="#">Volume Pricing</a>	5 In Stock
25.00	148.88	150.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#49-496</a>	S\$68.33 <a href="#">Volume Pricing</a>	20+ In Stock
25.00	173.94	175.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#49-497</a>	S\$68.33 <a href="#">Volume Pricing</a>	16 In Stock
25.00	198.35	200.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#33-398</a>	S\$68.33 <a href="#">Volume Pricing</a>	5 In Stock
30.00	28.12	30.00	NIR I (600-1050nm)	<a href="#">N-SF11</a>	<a href="#">#63-652</a>	S\$87.37 <a href="#">Volume Pricing</a>	Contact Us
30.00	47.82	50.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#49-500</a>	S\$85.88 <a href="#">Volume Pricing</a>	2 In Stock
30.00	58.33	60.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#63-653</a>	S\$85.88 <a href="#">Volume Pricing</a>	3 In Stock
30.00	73.35	75.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#49-501</a>	S\$85.88 <a href="#">Volume Pricing</a>	2 In Stock
30.00	98.34	100.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#63-654</a>	S\$85.88 <a href="#">Volume Pricing</a>	5 In Stock

30.00	118.34	120.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#63-655</a>	S\$85.88 <a href="#">Volume Pricing</a>	6 In Stock
40.00	37.54	40.00	NIR I (600-1050nm)	<a href="#">N-SF11</a>	<a href="#">#63-656</a>	S\$96.33 <a href="#">Volume Pricing</a>	4 In Stock
40.00	57.10	60.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#49-503</a>	S\$96.33 <a href="#">Volume Pricing</a>	3 In Stock
40.00	77.32	80.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#33-423</a>	S\$96.33 <a href="#">Volume Pricing</a>	1 In Stock
40.00	97.33	100.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#33-410</a>	S\$96.33 <a href="#">Volume Pricing</a>	4 In Stock
40.00	117.67	120.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#63-657</a>	S\$96.33 <a href="#">Volume Pricing</a>	20+ In Stock
40.00	197.35	200.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#33-417</a>	S\$96.33 <a href="#">Volume Pricing</a>	2 In Stock
50.00	45.30	50.00	NIR I (600-1050nm)	<a href="#">N-SF11</a>	<a href="#">#49-508</a>	S\$100.06 <a href="#">Volume Pricing</a>	5 In Stock
50.00	96.65	100.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#49-509</a>	S\$100.06 <a href="#">Volume Pricing</a>	5 In Stock
50.00	147.00	150.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#49-510</a>	S\$100.06 <a href="#">Volume Pricing</a>	Contact Us
50.00	198.33	200.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#49-511</a>	S\$100.06 <a href="#">Volume Pricing</a>	2 In Stock
50.00	248.37	250.00	NIR I (600-1050nm)	<a href="#">N-BK7</a>	<a href="#">#49-512</a>	S\$100.06 <a href="#">Volume Pricing</a>	Contact Us



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