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**TECHSPEC®**

## UV Fused Silica Plano-Convex (PCX) Lenses - UV-VIS Coated



- AR Coated to Provide <1.5% Reflection per Surface for 250 - 700nm
- Precision Fused Silica Substrate
- Various Coating Options: [Uncoated](#), [MgF<sub>2</sub>](#), [UV-AR](#), [VIS-EXT](#), [VIS-NIR](#), [VIS 0°](#), [YAG-BBAR](#), [NIR I](#), and [NIR II](#)

### Common Specifications

#### Physical & Mechanical Properties

Bevel: Protective as needed

#### Optical Properties

Coating: UV-VIS (250-700nm)

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

Wavelength Range (nm): 250 - 700

## Technical Information

Products

| Dia.<br>(mm)                                                                                                   | EFL<br>(mm) | BFL<br>(mm) | Coating               | Substrate                      | Stock Number            | Price                                    | Buy        |
|----------------------------------------------------------------------------------------------------------------|-------------|-------------|-----------------------|--------------------------------|-------------------------|------------------------------------------|------------|
| 2.00                                                                                                           | 4.00        | 3.46        | UV-VIS<br>(250-700nm) | Fused Silica<br>(Corning 7980) | <a href="#">#72-253</a> | ₹8,252<br><a href="#">Volume Pricing</a> | 5 In Stock |
| 2.00                                                                                                           | 6.00        | 5.45        | UV-VIS<br>(250-700nm) | Fused Silica<br>(Corning 7980) | <a href="#">#72-261</a> | ₹7,863<br><a href="#">Volume Pricing</a> | 1 In Stock |
| 3.00                                                                                                           | 6.00        | 5.01        | UV-VIS<br>(250-700nm) | Fused Silica<br>(Corning 7980) | <a href="#">#72-269</a> | ₹8,252<br><a href="#">Volume Pricing</a> | 2 In Stock |
| <a href="#">#72-278 New</a>                                                                                    |             |             |                       |                                |                         |                                          |            |
|                               |             |             |                       |                                |                         |                                          |            |
| New                                                                                                            |             |             |                       |                                |                         |                                          |            |
| Launched on our website before appearing in our latest print catalogs. Be the first to buy before anyone else! |             |             |                       |                                |                         |                                          |            |
| 3.00                                                                                                           | 9.00        | 8.11        | UV-VIS<br>(250-700nm) | Fused Silica<br>(Corning 7980) |                         | ₹7,863<br><a href="#">Volume Pricing</a> | 5 In Stock |
| 4.00                                                                                                           | 8.00        | 6.91        | UV-VIS<br>(250-700nm) | Fused Silica<br>(Corning 7980) | <a href="#">#72-286</a> | ₹9,809<br><a href="#">Volume Pricing</a> | 5 In Stock |
| 4.00                                                                                                           | 12.00       | 11.04       | UV-VIS<br>(250-700nm) | Fused Silica<br>(Corning 7980) | <a href="#">#72-294</a> | ₹9,420<br><a href="#">Volume Pricing</a> | 5 In Stock |

|      |       |       |                       |                              |                         |                                           |              |
|------|-------|-------|-----------------------|------------------------------|-------------------------|-------------------------------------------|--------------|
| 5.00 | 10.00 | 8.63  | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#89-419</a> | ₹10,743<br><a href="#">Volume Pricing</a> | 8 In Stock   |
| 5.00 | 15.00 | 13.83 | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#89-420</a> | ₹10,198<br><a href="#">Volume Pricing</a> | 17 In Stock  |
| 5.00 | 20.00 | 18.97 | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#89-421</a> | ₹10,198<br><a href="#">Volume Pricing</a> | 8 In Stock   |
| 5.00 | 25.00 | 23.97 | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#89-422</a> | ₹10,198<br><a href="#">Volume Pricing</a> | 6 In Stock   |
| 6.00 | 9.00  | 7.29  | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#48-804</a> | ₹10,977<br><a href="#">Volume Pricing</a> | 9 In Stock   |
| 6.00 | 12.00 | 10.63 | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#48-805</a> | ₹10,977<br><a href="#">Volume Pricing</a> | Contact Us   |
| 6.00 | 15.00 | 13.63 | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#48-806</a> | ₹10,588<br><a href="#">Volume Pricing</a> | 7 In Stock   |
| 6.00 | 18.00 | 16.62 | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#48-807</a> | ₹10,588<br><a href="#">Volume Pricing</a> | 11 In Stock  |
| 6.00 | 21.00 | 19.63 | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#36-703</a> | ₹10,588<br><a href="#">Volume Pricing</a> | 14 In Stock  |
| 6.00 | 24.00 | 22.63 | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#48-808</a> | ₹10,588<br><a href="#">Volume Pricing</a> | 5 In Stock   |
| 6.00 | 36.00 | 34.63 | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#36-704</a> | ₹10,588<br><a href="#">Volume Pricing</a> | 5 In Stock   |
| 9.00 | 12.00 | 9.26  | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#48-809</a> | ₹11,133<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 9.00 | 13.50 | 11.44 | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#48-810</a> | ₹11,133<br><a href="#">Volume Pricing</a> | 7 In Stock   |
| 9.00 | 18.00 | 15.94 | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#48-811</a> | ₹11,133<br><a href="#">Volume Pricing</a> | 9 In Stock   |

|       |        |       |                       |                              |                         |                                           |              |
|-------|--------|-------|-----------------------|------------------------------|-------------------------|-------------------------------------------|--------------|
| 9.00  | 22.00  | 19.94 | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#36-705</a> | ₹10,743<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 9.00  | 27.00  | 25.63 | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#48-812</a> | ₹10,743<br><a href="#">Volume Pricing</a> | 5 In Stock   |
| 9.00  | 36.00  | 34.63 | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#48-813</a> | ₹10,743<br><a href="#">Volume Pricing</a> | Contact Us   |
| 10.00 | 20.00  | 17.94 | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#36-706</a> | ₹11,366<br><a href="#">Volume Pricing</a> | 12 In Stock  |
| 10.00 | 25.00  | 22.94 | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#36-707</a> | ₹11,366<br><a href="#">Volume Pricing</a> | 4 In Stock   |
| 12.00 | 18.00  | 15.26 | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#48-814</a> | ₹11,522<br><a href="#">Volume Pricing</a> | 13 In Stock  |
| 12.00 | 25.00  | 22.31 | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#48-815</a> | ₹11,522<br><a href="#">Volume Pricing</a> | 15 In Stock  |
| 12.00 | 30.00  | 27.56 | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#48-816</a> | ₹11,133<br><a href="#">Volume Pricing</a> | 1 In Stock   |
| 12.00 | 36.00  | 34.29 | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#48-817</a> | ₹11,133<br><a href="#">Volume Pricing</a> | 6 In Stock   |
| 12.00 | 40.00  | 37.85 | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#48-818</a> | ₹11,133<br><a href="#">Volume Pricing</a> | 6 In Stock   |
| 12.00 | 50.00  | 48.01 | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#48-819</a> | ₹10,588<br><a href="#">Volume Pricing</a> | 8 In Stock   |
| 12.00 | 72.00  | 70.29 | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#36-708</a> | ₹10,588<br><a href="#">Volume Pricing</a> | 8 In Stock   |
| 12.00 | 84.00  | 82.28 | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#36-709</a> | ₹10,588<br><a href="#">Volume Pricing</a> | 11 In Stock  |
| 12.00 | 100.00 | 98.33 | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#48-820</a> | ₹10,588<br><a href="#">Volume Pricing</a> | 15 In Stock  |

|       |       |       |                       |                              |                         |                                           |              |
|-------|-------|-------|-----------------------|------------------------------|-------------------------|-------------------------------------------|--------------|
| 15.00 | 25.00 | 22.09 | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#84-297</a> | ₹12,145<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 15.00 | 30.00 | 27.53 | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#84-298</a> | ₹12,145<br><a href="#">Volume Pricing</a> | 3 In Stock   |
| 15.00 | 45.00 | 42.94 | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#84-299</a> | ₹11,755<br><a href="#">Volume Pricing</a> | 1 In Stock   |
| 15.00 | 60.00 | 57.94 | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#84-300</a> | ₹11,755<br><a href="#">Volume Pricing</a> | 4 In Stock   |
| 15.00 | 75.00 | 72.94 | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#84-301</a> | ₹11,755<br><a href="#">Volume Pricing</a> | 8 In Stock   |
| 18.00 | 27.00 | 23.23 | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#36-710</a> | ₹12,145<br><a href="#">Volume Pricing</a> | 7 In Stock   |
| 18.00 | 36.00 | 32.92 | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#36-711</a> | ₹12,145<br><a href="#">Volume Pricing</a> | 5 In Stock   |
| 18.00 | 54.00 | 51.6  | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#36-712</a> | ₹11,755<br><a href="#">Volume Pricing</a> | 6 In Stock   |
| 20.00 | 30.00 | 25.88 | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#49-971</a> | ₹12,534<br><a href="#">Volume Pricing</a> | Contact Us   |
| 20.00 | 35.00 | 31.58 | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#49-972</a> | ₹12,534<br><a href="#">Volume Pricing</a> | 11 In Stock  |
| 20.00 | 40.00 | 36.92 | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#49-973</a> | ₹12,534<br><a href="#">Volume Pricing</a> | 3 In Stock   |
| 20.00 | 50.00 | 47.25 | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#49-974</a> | ₹12,145<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 20.00 | 60.00 | 57.60 | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#49-975</a> | ₹12,145<br><a href="#">Volume Pricing</a> | 15 In Stock  |
| 20.00 | 80.00 | 77.95 | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#49-976</a> | ₹12,145<br><a href="#">Volume Pricing</a> | 5 In Stock   |

|       |        |        |                       |                              |                         |                                           |              |
|-------|--------|--------|-----------------------|------------------------------|-------------------------|-------------------------------------------|--------------|
| 25.00 | 35.00  | 29.17  | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#36-713</a> | ₹12,690<br><a href="#">Volume Pricing</a> | 16 In Stock  |
| 25.00 | 38.00  | 33.03  | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#48-821</a> | ₹12,690<br><a href="#">Volume Pricing</a> | 6 In Stock   |
| 25.00 | 40.00  | 34.86  | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#36-714</a> | ₹12,690<br><a href="#">Volume Pricing</a> | 10 In Stock  |
| 25.00 | 50.00  | 46.00  | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#48-822</a> | ₹12,690<br><a href="#">Volume Pricing</a> | 10 In Stock  |
| 25.00 | 60.00  | 56.92  | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#48-823</a> | ₹12,300<br><a href="#">Volume Pricing</a> | 7 In Stock   |
| 25.00 | 75.00  | 71.96  | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#48-824</a> | ₹12,300<br><a href="#">Volume Pricing</a> | 9 In Stock   |
| 25.00 | 100.00 | 97.40  | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#48-825</a> | ₹12,300<br><a href="#">Volume Pricing</a> | 5 In Stock   |
| 25.00 | 125.00 | 122.65 | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#48-826</a> | ₹11,755<br><a href="#">Volume Pricing</a> | 8 In Stock   |
| 25.00 | 150.00 | 147.82 | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#48-827</a> | ₹11,755<br><a href="#">Volume Pricing</a> | 1 In Stock   |
| 25.00 | 175.00 | 172.94 | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#48-828</a> | ₹11,755<br><a href="#">Volume Pricing</a> | 11 In Stock  |
| 25.00 | 200.00 | 198.02 | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#48-829</a> | ₹11,755<br><a href="#">Volume Pricing</a> | 4 In Stock   |
| 25.00 | 250.00 | 248.14 | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#48-830</a> | ₹11,755<br><a href="#">Volume Pricing</a> | 5 In Stock   |
| 25.00 | 400.00 | 398.33 | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#48-831</a> | ₹11,755<br><a href="#">Volume Pricing</a> | 9 In Stock   |
| 30.00 | 50.00  | 45.2   | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a> | <a href="#">#84-302</a> | ₹15,336<br><a href="#">Volume Pricing</a> | 20+ In Stock |

|       |        |        |                       |                                |                         |                                           |             |
|-------|--------|--------|-----------------------|--------------------------------|-------------------------|-------------------------------------------|-------------|
| 30.00 | 60.00  | 55.89  | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a>   | <a href="#">#84-303</a> | ₹15,336<br><a href="#">Volume Pricing</a> | 1 In Stock  |
| 30.00 | 90.00  | 86.57  | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a>   | <a href="#">#84-304</a> | ₹14,947<br><a href="#">Volume Pricing</a> | 14 In Stock |
| 30.00 | 120.00 | 116.57 | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a>   | <a href="#">#84-305</a> | ₹14,947<br><a href="#">Volume Pricing</a> | 10 In Stock |
| 30.00 | 150.00 | 146.57 | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a>   | <a href="#">#84-306</a> | ₹14,558<br><a href="#">Volume Pricing</a> | 5 In Stock  |
| 50.00 | 75.00  | 66.43  | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a>   | <a href="#">#67-228</a> | ₹24,211<br><a href="#">Volume Pricing</a> | 8 In Stock  |
| 50.00 | 100.00 | 93.84  | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a>   | <a href="#">#67-229</a> | ₹24,211<br><a href="#">Volume Pricing</a> | Contact Us  |
| 50.00 | 150.00 | 145.20 | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a>   | <a href="#">#67-230</a> | ₹23,822<br><a href="#">Volume Pricing</a> | 4 In Stock  |
| 50.00 | 200.00 | 195.19 | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a>   | <a href="#">#67-231</a> | ₹23,822<br><a href="#">Volume Pricing</a> | 5 In Stock  |
| 50.00 | 250.00 | 245.21 | UV-VIS<br>(250-700nm) | <a href="#">Fused Silica</a>   | <a href="#">#67-232</a> | ₹23,822<br><a href="#">Volume Pricing</a> | 2 In Stock  |
| 75.00 | 100.00 | 85.61  | UV-VIS<br>(250-700nm) | Fused Silica<br>(Corning 7980) | <a href="#">#72-302</a> | ₹51,381<br><a href="#">Volume Pricing</a> | 2 In Stock  |
| 75.00 | 125.00 | 112.66 | UV-VIS<br>(250-700nm) | Fused Silica<br>(Corning 7980) | <a href="#">#72-310</a> | ₹49,824<br><a href="#">Volume Pricing</a> | 2 In Stock  |
| 75.00 | 150.00 | 136.31 | UV-VIS<br>(250-700nm) | Fused Silica<br>(Corning 7980) | <a href="#">#72-318</a> | ₹48,267<br><a href="#">Volume Pricing</a> | 2 In Stock  |
| 75.00 | 200.00 | 187.18 | UV-VIS<br>(250-700nm) | Fused Silica<br>(Corning 7980) | <a href="#">#72-326</a> | ₹46,710<br><a href="#">Volume Pricing</a> | Contact Us  |



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