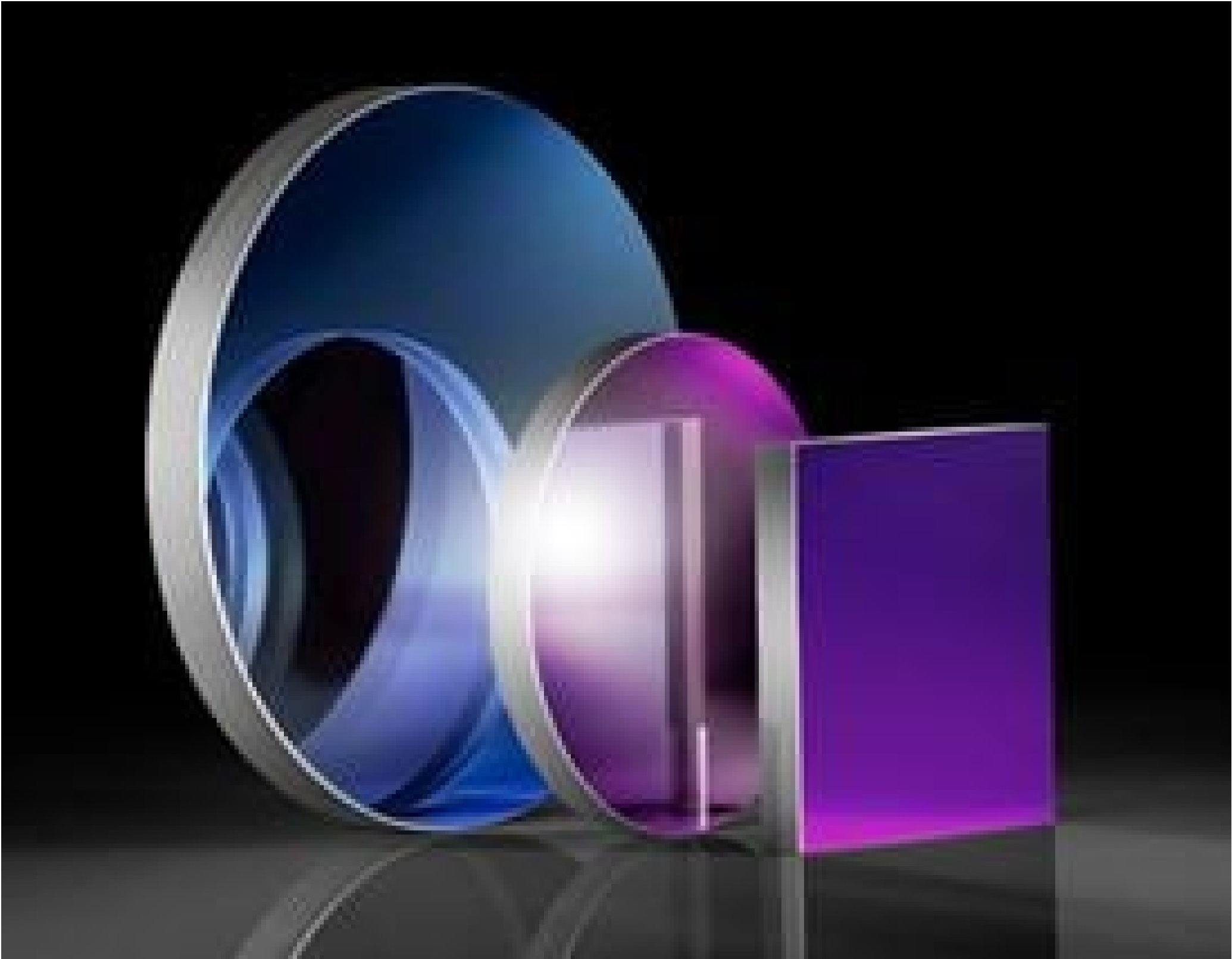


TECHSPEC<sup>®</sup> 75mm Dia. *N*/10 ZERODUR<sup>®</sup> Uncoated Mirror Substrate



Stock **#71-522** 3 In Stock

-

1

+

C\$553<sup>.00</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | C\$553.00 each                |
| Qty 6-25       | C\$442.40 each                |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

General

Type:

Mirror Substrate

Physical & Mechanical Properties

Diameter (mm):

75.00 +0.00/-0.20

Thickness (mm):

7.50 ±0.20

Back Surface:

Commercial Polish

|                       |                                                              |
|-----------------------|--------------------------------------------------------------|
| Protective as needed  | Bevel:                                                       |
| 90                    | Clear Aperture (%):                                          |
| Ground                | Edges:                                                       |
| 30                    | Parallelism (arcsec):                                        |
| Optical Properties    |                                                              |
| Uncoated              | Coating:                                                     |
| $\lambda/10$          | Surface Flatness (P-V):                                      |
| ZERODUR®              | Substrate: <input type="checkbox"/>                          |
| 20-10                 | Surface Quality:                                             |
| Material Properties   |                                                              |
| 0.1                   | Coefficient of Thermal Expansion CTE (10 <sup>-6</sup> /°C): |
| Regulatory Compliance |                                                              |
| <a href="#">View</a>  | Certificate of Conformance:                                  |

## Product Details

- Precision ZERODUR® Substrates
- $\lambda/10$  Flatness
- Low Coefficient of Thermal Expansion

TECHSPEC® ZERODUR Mirror Substrates are well suited for applications where temperature fluctuation is a concern. The ZERODUR® substrates have a coefficient of thermal expansion (CTE) of  $\pm 0.10 \times 10^{-6}/^{\circ}\text{C}$ , which is an order of magnitude lower than most glass types. The low CTE allows these mirrors to have a consistent reflected wavefront, even when exposed to environments with varying temperature or illumination sources with changing intensity. TECHSPEC® ZERODUR Mirror Substrates feature precision polished substrates with  $\lambda/10$  flatness and 20-10 surface quality.