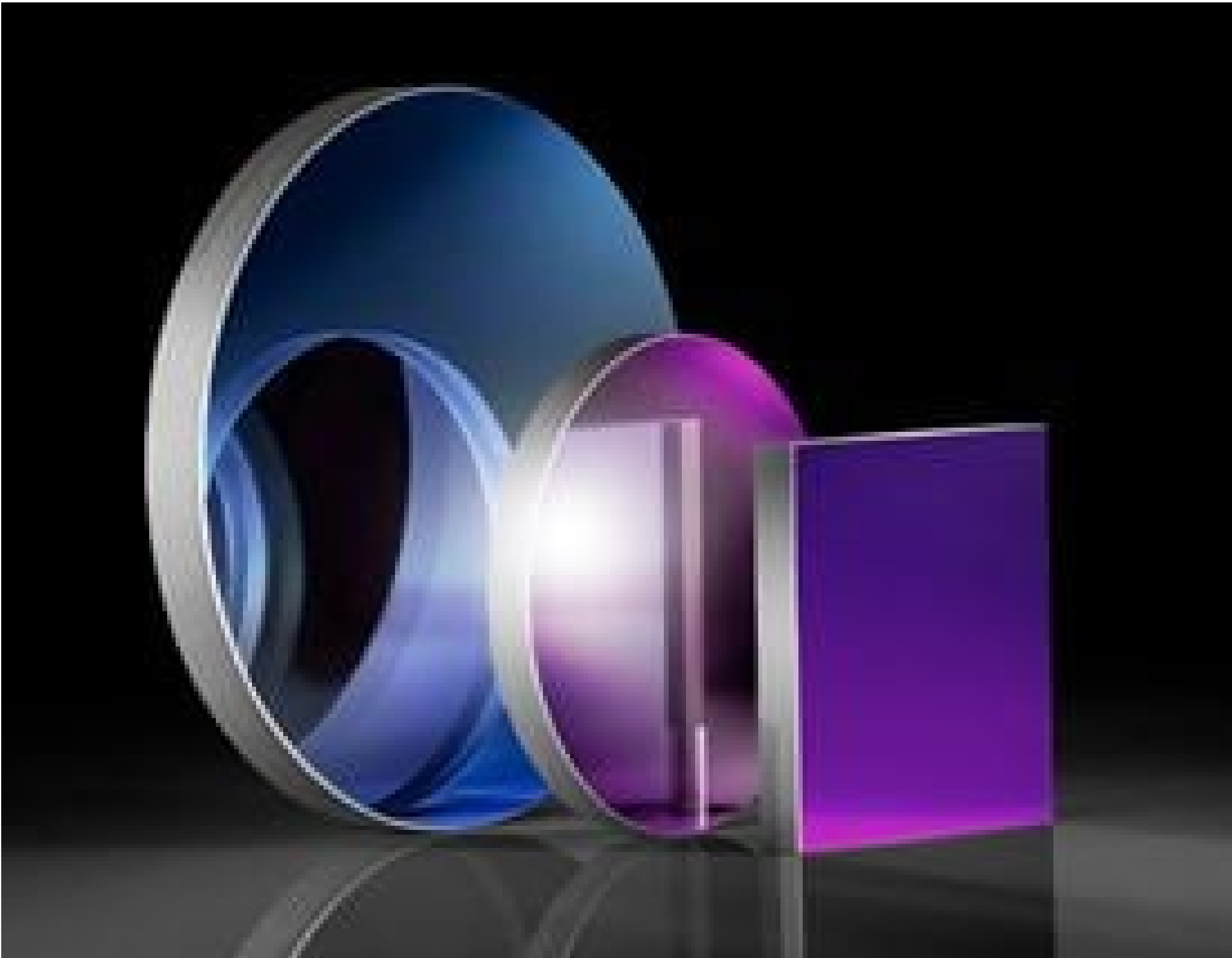


TECHSPEC®

50 x 50mm λ /10 ZERODUR® Uncoated Mirror Substrate



Stock #71-521 NEW 10 TO 12 DAYS

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1

+

₹12,456

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Qty 1+

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SPECIFICATIONS

General

Mirror Substrate

Type:

Physical & Mechanical Properties

5.00 ±0.20

Thickness (mm):

50.0 x 50.0 +0.00/-0.20	Dimensions (mm):
Commercial Polish	Back Surface:
Protective bevel as needed	Bevel:
90	Clear Aperture (%):
Ground	Edges:
50.00	Length (mm):
50.00	Width (mm):
30	Parallelism (arcsec):
Optical Properties	
Uncoated	Coating:
<i>N</i> /10	Surface Flatness (P-V):
ZERODUR®	Substrate: ☐
20-10	Surface Quality:
Regulatory Compliance	
Compliant	RoHS:
View	Certificate of Conformance:

PRODUCT DETAILS

- Precision ZERODUR® Substrates
- N*/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 *N*/10 flatness and 20-10 surface quality.