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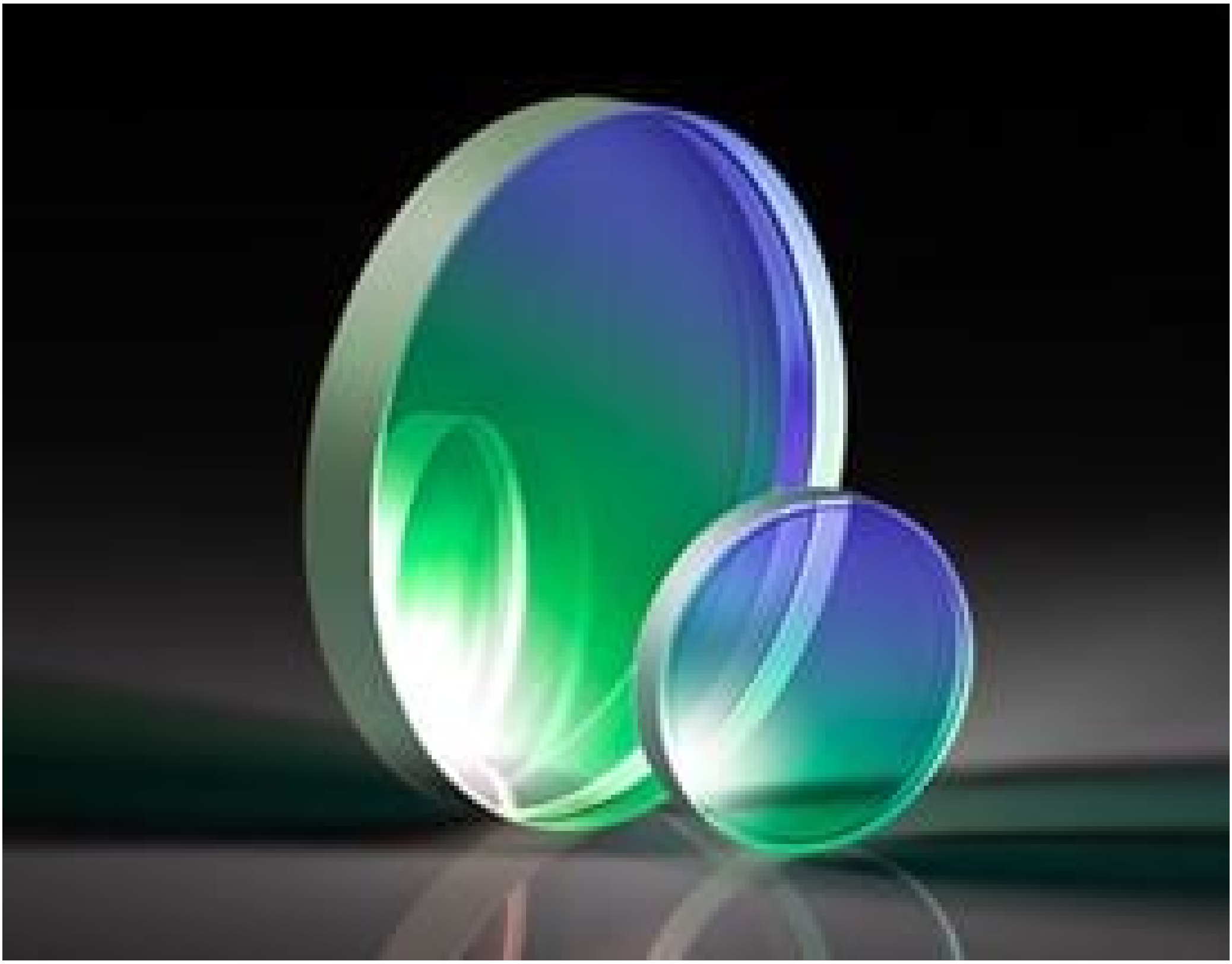
TECHSPEC® 20mm Dia. 355nm 45°, Nd:YAG Laser Line Mirror



Nd:YAG ZERODUR Laser Line Mirrors

Stock **#26-416** **9 In Stock**

- 1 +

MRP ₹22,096

Price inclusive of all taxes

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Volume Pricing	
Qty 1-5	**₹22,096** each
Qty 6-25	**₹19,876** each
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General

Type:

Laser Mirror

Physical & Mechanical Properties

Thickness (mm):

3.00 +/-0.2

Diameter (mm):

20.00 +0.00/-0.20

Clear Aperture (%):
>90

Parallelism (arcsec):
30

Optical Properties

Substrate:
ZERODUR®

Surface Quality:
20-10

Angle of Incidence (°):
45

Coating:
Laser Mirror (355nm)

Design Wavelength DWL (nm):
355

Reflection at DWL (%):
99.8

Wavelength Range (nm):
351 - 358

Surface Flatness (P-V):
λ/10

Coating Specification:
R_{abs} >99.8% @ 355nm @ 45° AOI R_{avg} >99.5% @ 351 - 358nm @ 45° AOI

Coating Type:
Dielectric

Damage Threshold, By Design:
6 J/cm^2 @ 355nm, 20ns, 20Hz

Regulatory Compliance

Certificate of Conformance:
View

Country of Origin:
United States

Imported By:
Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
Phone: +91- 80-6845 0000

Product Details

- ZERODUR® Substrates Provide Near Zero Thermal Expansion
- >99.5% Reflectivity at Nd:YAG Harmonic Frequencies
- High Laser Damage Threshold Specifications

Nd:YAG ZERODUR Laser Line Mirrors combine the extremely low coefficient of thermal expansion of ZERODUR® substrates with the highly reflective TECHSPEC® Nd:YAG mirror coating. Featuring a coefficient of thermal expansion (CTE) of ±0.10 x 10-6/°C these mirrors are ideal for applications where the optics will be exposed to fluctuating temperatures. The Nd:YAG coating offers a high laser damage threshold compatible with both pulsed and continuous wave lasers. Nd:YAG ZERODUR Laser Line Mirrors are designed with precision polished substrates with λ/10 flatness and 20-10 surface quality. These mirror are an excellent fit for laboratories and integration into larger powerful laser systems

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