

TECHSPEC<sup>®</sup> 12.7mm Dia. x 6.35mm 800/1030nm, Dual Band Laser Mirror



Stock **#28-965** 9 In Stock

-

1

+

£150<sup>.40</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | £150.40 each                  |
| Qty 6-25       | £132.00 each                  |
| Qty 26+        | £127.84 each                  |
| Need More?     | <a href="#">Request Quote</a> |

Prices shown are exclusive of VAT/local taxes

Product Downloads

SPECIFICATIONS

General

Laser Mirror

Type:

| Physical & Mechanical Properties                                                                                                                                                            |                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| <3                                                                                                                                                                                          | Parallelism (arcmin):                             |
| >90                                                                                                                                                                                         | Clear Aperture (%):                               |
| Commercial Polish                                                                                                                                                                           | Back Surface:                                     |
| 12.70 +0.00/-0.10                                                                                                                                                                           | Diameter (mm):                                    |
| 6.35 ±0.2                                                                                                                                                                                   | Thickness (mm):                                   |
| Optical Properties                                                                                                                                                                          |                                                   |
| 10-5                                                                                                                                                                                        | Surface Quality:                                  |
| 99.9                                                                                                                                                                                        | Reflection at DWL (%):                            |
| Coating Specification:<br>R <sub>avg</sub> S & P ≥ 99.90% @ 800nm & 1030nm @ 45° AOI<br>R <sub>avg</sub> ≥ 99.6% @ 760 –840nm @ 45° AOI<br>R <sub>avg</sub> ≥ 99.6% @ 980 –1080nm @ 45° AOI |                                                   |
| λ/10                                                                                                                                                                                        | Surface Flatness (P-V):                           |
| Dielectric                                                                                                                                                                                  | Coating Type:                                     |
| Laser Mirror (800, 1030nm)                                                                                                                                                                  | Coating:                                          |
| 800, 1030                                                                                                                                                                                   | Design Wavelength DWL (nm):                       |
| 45                                                                                                                                                                                          | Angle of Incidence (°):                           |
| Fused Silica (Corning 7980)                                                                                                                                                                 | Substrate: <input type="text"/>                   |
| Not Specified                                                                                                                                                                               | Damage Threshold, Reference: <input type="text"/> |

| Regulatory Compliance |                             |
|-----------------------|-----------------------------|
| <a href="#">View</a>  | Certificate of Conformance: |

## PRODUCT DETAILS

- >99% Reflectivity at Design Wavelengths
- 10-5 Surface Quality for Sensitive Laser Applications
- 532/1064nm, 635-670/1064nm, or 800/1030nm Wavelength Bands
- [TECHSPEC® Nd:YAG Laser Line Mirrors](#) Also Available

TECHSPEC® Dual Band Laser Line Mirrors feature high reflectivity, excellent surface quality, and precision surface flatness to minimize scattering effects. Each coating design has been tested to ensure a high laser damage threshold for compatibility with pulsed laser systems. These fused silica substrate laser mirrors have excellent thermal stability and are available in a variety of standard sizes. TECHSPEC® Dual Band Laser Line Mirrors are ideal for beam steering applications in both laboratory and OEM laser systems. These mirrors are available in a 532/1064nm, 635-670/1064nm, and 800/1030nm dual band coating options for Nd:YAG lasers and red and green guide beams.