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## 25mm Dia. Schwarz $\lambda/10$ Mirror



Schwarz Mirrors

Stock #18-691 CLEARANCE **20+ In Stock**

MRP ₹34,510

Price inclusive of all taxes

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Volume Pricing	
Qty 1+	₹34,510 each
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#### General

Flat Mirror **Type:**

#### Physical & Mechanical Properties

25.00 +0.0/-0.20 **Diameter (mm):**

6.35 ±0.10 **Thickness (mm):**

Commercial Polish **Back Surface:**

Protective as needed	<b>Bevel:</b>
90	<b>Clear Aperture (%):</b>
Ground	<b>Edges:</b>
30	<b>Parallelism (arcsec):</b>

## Optical Properties

0.40 - 0.75	<b>Wavelength Range (µm):</b>
Dielectric	<b>Coating Type:</b>
Dielectric Mirror (400-750)	<b>Coating:</b>
λ/10	<b>Surface Flatness (P-V):</b>
400 - 750	<b>Wavelength Range (nm):</b>
Engineered <a href="#">Fused Silica</a>	<b>Substrate:</b> <input type="checkbox"/>
0-45	<b>Angle of Incidence (°):</b>
R <sub>avg</sub> >98% @ 400 - 750nm (0 - 45°) R <sub>avg</sub> >99% @ 400 - 750nm (0°)	<b>Coating Specification:</b>
20-10	<b>Surface Quality:</b>
0.5J/cm <sup>2</sup> , 20ns, 20Hz @ 532nm	<b>Damage Threshold, By Design:</b> <input type="checkbox"/>

## Regulatory Compliance

<a href="#">View</a>	<b>Certificate of Conformance:</b>
United States	<b>Country of Origin:</b>
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	<b>Imported By:</b>

## Product Details

- Engineered Highly-Absorptive Fused Silica Substrate
- Optical Density > 7.0 in Visible Spectrum
- >98% Visible Reflectivity with No Residual Transmission
- Damage Threshold > 0.5J/cm<sup>2</sup>, 20ns, 20Hz @ 532nm
- Designed for all Polarization States from 0 - 45° AOI

SchwarzMirrors are engineered to eliminate unwanted transmission from applications requiring highly reflective mirrors. The specialized fused silica substrate features high absorption of visible light, preventing non-reflected illumination from exiting the mirror. The substrates are rated as neutral density filters with optical density of >7.0, attenuating high-power light without sustaining damage. By significantly reducing the intensity of transmitted and scattered light, system setup and design is simplified, as beam dumps, beam blocks, and laser safety shields may no longer be required. SchwarzMirrors retain the same mechanical and thermal benefits as standard fused silica mirrors and have been coated to provide >98% reflectivity from 400 to 750nm. As such, these mirrors can replace standard fused silica in applications that require control of scattering and crosstalk.