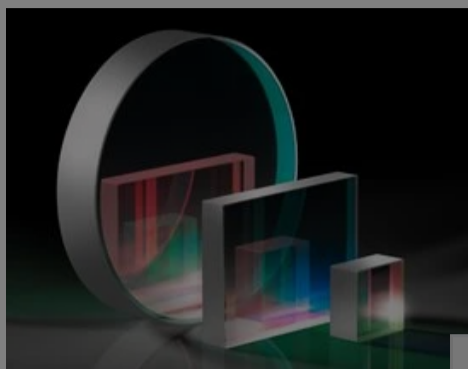


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TECHSPEC® 35mm



Please select your shipping country to view the most accurate inventory information, and to determine the correct Edmund Optics sales office for your order.

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Submit

Mirror

1

€176⁰⁰

ADD TO CART

Volume Pricing

Qty 1-5	€176,00 each
Qty 6-25	€141,00 each
Qty 26-49	€132,00 each
Need More?	Request Quote

Prices shown are exclusive of VAT/local taxes

Product Downloads

- STEP:step
- Curve:pdf
- PDF Drawing:pdf
- IGES:igs
- eDrawing:eprt
- EO Spec Sheet
- [Download All](#)

General

Type: Flat Mirror

Physical & Mechanical Properties

Diameter (mm): 35.00 +0.00/-0.20

Thickness (mm): 5.00 ±0.20

Back Surface: Commercial Polish

Clear Aperture (%): 90

Edges: Ground, 0.5mm max bevel

Parallelism (arcmin): <0.5

Optical Properties

Coating Type: Dielectric

Coating: Dielectric Mirror (750-1100nm)

Surface Flatness (P-V): $\lambda/10$

Wavelength Range (nm): 750 - 1100

Substrate: **Fused Silica** (Corning 7980)

Angle of Incidence (°): 0-45

Coating Specification: $R_{avg} >98\%$ @ 750 - 1100nm (0 - 45°)
 $R_{avg} >99\%$ @ 750 - 1100nm (0°)

Surface Quality: 20-10

Damage Threshold, Reference: 1 J/cm² @ 1064nm, 20ns, 20Hz

Regulatory Compliance

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Need different specifications?

Edmund Optics offers comprehensive custom manufacturing capabilities for a wide range of application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

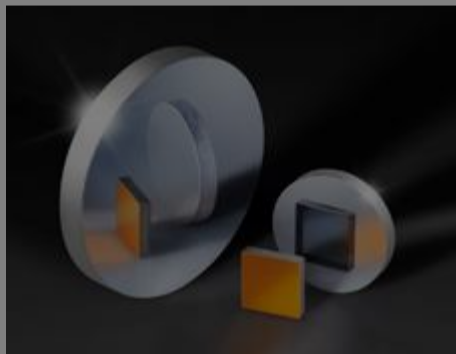
Product Details

- Enhanced Reflectivity and LIDT over Metallic Coatings
- Average Reflectivity >99% Over Broad UV, Visible, and NIR Wavelengths
- Designed for all Polarization States from 0 – 45° AOI

TECHSPEC® Broadband Dielectric $\lambda/10$ Mirrors are ideal for beam steering or reflection applications utilizing multiple laser sources. These mirrors feature greater than 99% reflection, significantly better than metal-coated mirrors, and increase system performance by minimizing energy loss. The highly durable fused silica substrate offers a low thermal expansion coefficient and a high abrasion resistance. TECHSPEC® Broadband Dielectric $\lambda/10$ Mirrors are designed for applications from the UV to the near-infrared spectra.

Technical Information

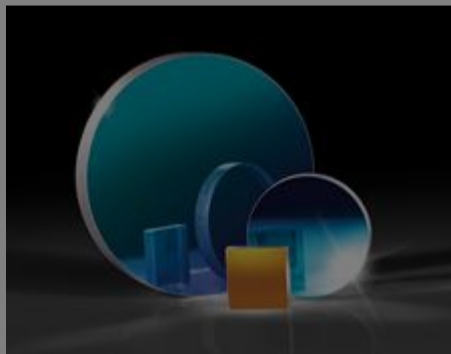
Related Products



Flat Mirrors



ZERODUR® $\lambda/10$ First Surface Mirrors



$\lambda/10$ First Surface Mirrors



Broadband Dielectric Coated Right Angle Mirrors (Hypotenuse Coated)

Frequently Purchased Together



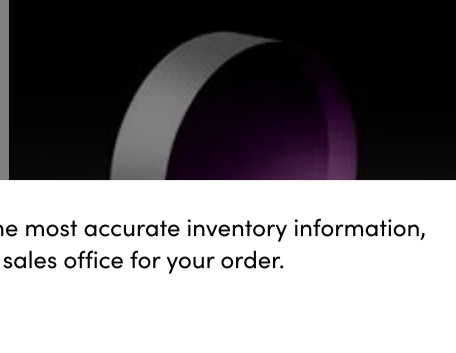
#33-374 - 40.0mm Dia. x 100.0mm FL, NIR I Coated, Plano-Convex Lens
€67,50

Qty



#38-375 - 40.0mm Dia. x 100.0mm FL, NIR I Coated, Plano-Convex Lens
€67,50

Qty



#48-789 - 40.0mm Dia. x 60.0mm FL, NIR I Coated, Plano-Convex Lens
€68,50

Qty



#48-789 - 40.0mm Dia. x 60.0mm FL, NIR I Coated, Plano-Convex Lens
€68,50

Qty

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Compatible Mounts

	Title	Type	Compare	Stock Number	Price	Buy
	2.0 - 35.0mm Optic Dia., Three-Screw Adjustable Ring Mount	Fixed		#03-668	€63,00 Request Quote	20+ In Stock <input type="text" value="1"/>
	9.5 - 73.0mm Optic Dia., Three-Screw Adjustable Ring Mount	Fixed		#36-605	€83,00 Request Quote	20+ In Stock <input type="text" value="1"/>
	7.0 - 40.0 Optic Height, English Bar-Type Optic Holder	Fixed		#03-676	€106,00 Request Quote	20+ In Stock <input type="text" value="1"/>
	10.0 - 60.0mm Optic Height, Metric Bar-Type Optic Holder	Fixed		#55-530	€108,00 Request Quote	CONTACT US <input type="text" value="1"/>
	19.5 - 108.0mm Optic Dia., Three-Screw Adjustable Ring Mount	Fixed		#03-670	€114,00 Request Quote	20+ In Stock <input type="text" value="1"/>
	7.0 - 67.0 Optic Height, English Bar-Type Optic Holder	Fixed		#03-669	€116,00 Request Quote	20+ In Stock <input type="text" value="1"/>
	8.0 - 118.0 Optic Height, English Bar-Type Optic Holder	Fixed		#03-666	€120,00 Request Quote	20+ In Stock <input type="text" value="1"/>
	4.0 - 36.0mm Optic Dia., Self-Centering Jaw Clamp	Fixed		#16-077	€157,00 Request Quote	5 In Stock <input type="text" value="1"/>
	5.0 - 100.0mm Optic Dia., Self-Centering Jaw Clamp	Fixed		#16-078	€410,00 Request Quote	CONTACT US <input type="text" value="1"/>

Check out our full selection of mounts [here](#).

Resources

Media Type

- Application Note
- Video
- FAQ
- Glossary

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