

TECHSPEC[®] 15mm Protected Gold, $\lambda/20$ Fused Silica Right Angle Prism Mirror



Stock #22-560 12 In Stock

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+

£227^{.20}

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Volume Pricing	
Qty 1-5	£227.20 each
Qty 6-25	£181.60 each
Qty 26-49	£170.40 each
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 Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Right Angle MirrorType:

Physical & Mechanical Properties

Protective as neededBevel:

19.08 x 13.50Clear Aperture CA (mm):

+0.00/-0.10	Dimensional Tolerance (mm):
21.20	Length of Hypotenuse (mm):
15.00	Length of Legs (mm):

Optical Properties

0.70 - 10	Wavelength Range (μm):
Metal	Coating Type:
Protected Gold (700-10000nm)	Coating:
λ/20	Surface Flatness (P-V):
700 - 10000	Wavelength Range (nm):
Fused Silica (Corning 7980)	Substrate: □
R _{avg} >96% @ 700 - 2000nm R _{avg} >96% @ 2000 - 10,000nm	Coating Specification:
20-10	Surface Quality:
0.8 J/cm² @ 1064nm, 10ns	Damage Threshold, Reference: □
±15	Angle Tolerance (arcsec):

Regulatory Compliance

Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 247:

Custom

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific 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

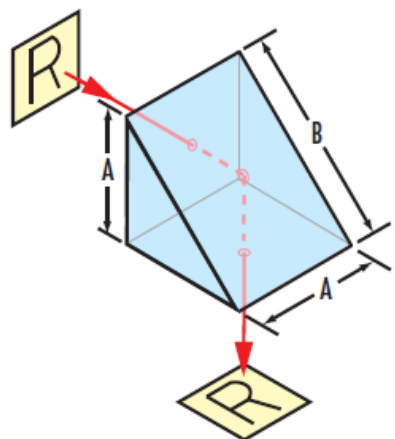
- Precision Fused Silica Substrates for Increased Thermal Stability
- Ideal for System Alignment
- Enhanced Aluminum, Protected Gold, and Protected Silver Coatings Available

TECHSPEC® λ/20 Fused Silica Right Angle Prism Mirrors feature broadband metal coatings and a ±15 arcsecond angular tolerance for applications that require precision alignment. These highly reflective right angle mirrors simplify alignment when mounting and are easily integrated into systems that redirect light at 90°. TECHSPEC® λ/20 Fused Silica Right Angle Prism Mirrors utilize Fused Silica substrates for high temperature environments and their precision design and tolerances enable easy system integration. Coating options feature >95% reflectivity from 450nm to the long wave infrared (IR).

Technical Information



Image above shows light reflecting off the coated hypotenuse.



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