

TECHSPEC[®] 5mm Enhanced Aluminum, $\lambda/20$ Fused Silica Right Angle Prism Mirror



Stock #22-545 14 In Stock

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1

+

A\$318^{.40}

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Volume Pricing	
Qty 1-5	A\$318.40 each
Qty 6-25	A\$256.00 each
Qty 26-49	A\$240.00 each
Need More?	Request Quote

Product Downloads

General	
Right Angle Mirror	Type:
Physical & Mechanical Properties	
Protective as needed	Bevel:
6.36 x4.50	Clear Aperture CA (mm):

+0.00/-0.10	Dimensional Tolerance (mm):
7.10	Length of Hypotenuse (mm):
5.00	Length of Legs (mm):
Optical Properties	
0.45 - 0.65	Wavelength Range (µm):
Metal	Coating Type:
Enhanced Aluminum (450-650nm)	Coating:
λ/20	Surface Flatness (P-V):
450 - 650	Wavelength Range (nm):
Fused Silica (Corning 7980)	Substrate: □
R _{avg} >95% @450 - 650nm	Coating Specification:
20-10	Surface Quality:
0.2 J/cm ² @ 532nm, 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

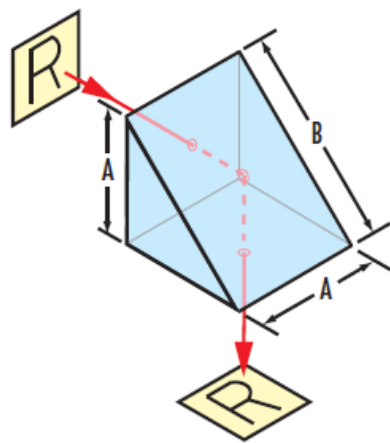
- Precision Fused Silica Substrates for Increased Thermal Stability
- Ideal for System Alignment
- Enhanced Aluminum, Protected Gold, and Protected Silver Coatings Available

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.



Coating Curves