

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



Stock #22-551 8 In Stock

-

1

+

€210^{.00}

ADD TO CART

Volume Pricing	
Qty 1-5	€210,00 each
Qty 6-25	€168,00 each
Qty 26-49	€159,00 each
Need More?	Request Quote

! Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Type:
Right Angle Mirror

Physical & Mechanical Properties

Bevel:
Protective as needed

Clear Aperture CA (mm):
6.36 x 4.50

+0.00/-0.10	Dimensional Tolerance (mm):
7.10	Length of Hypotenuse (mm):
5.00	Length of Legs (mm):

Optical Properties

0.45 - 10	Wavelength Range (µm):
Metal	Coating Type:
Protected Silver (450-10000nm)	Coating:
λ/20	Surface Flatness (P-V):
450 - 10000	Wavelength Range (nm):
Fused Silica (Corning 7980)	Substrate: ☐
R _{avg} >98% @450 - 800nm R _{avg} >98.5% @2000 - 10,000nm	Coating Specification:
20-10	Surface Quality:
0.5 J/cm² @532nm & 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

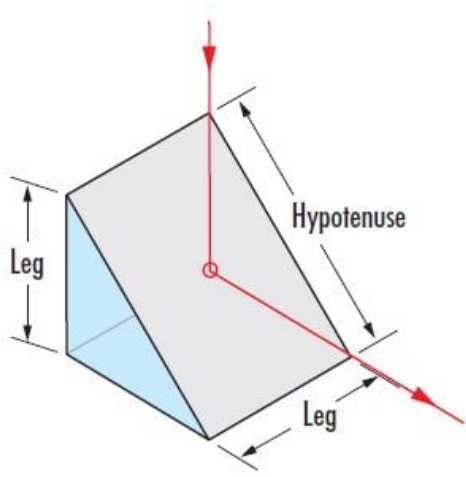
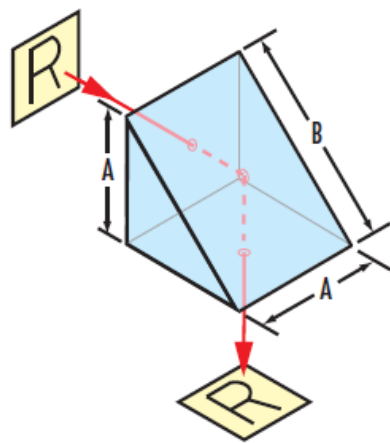


Image above shows light reflecting off the coated hypotenuse.



Coating Curves