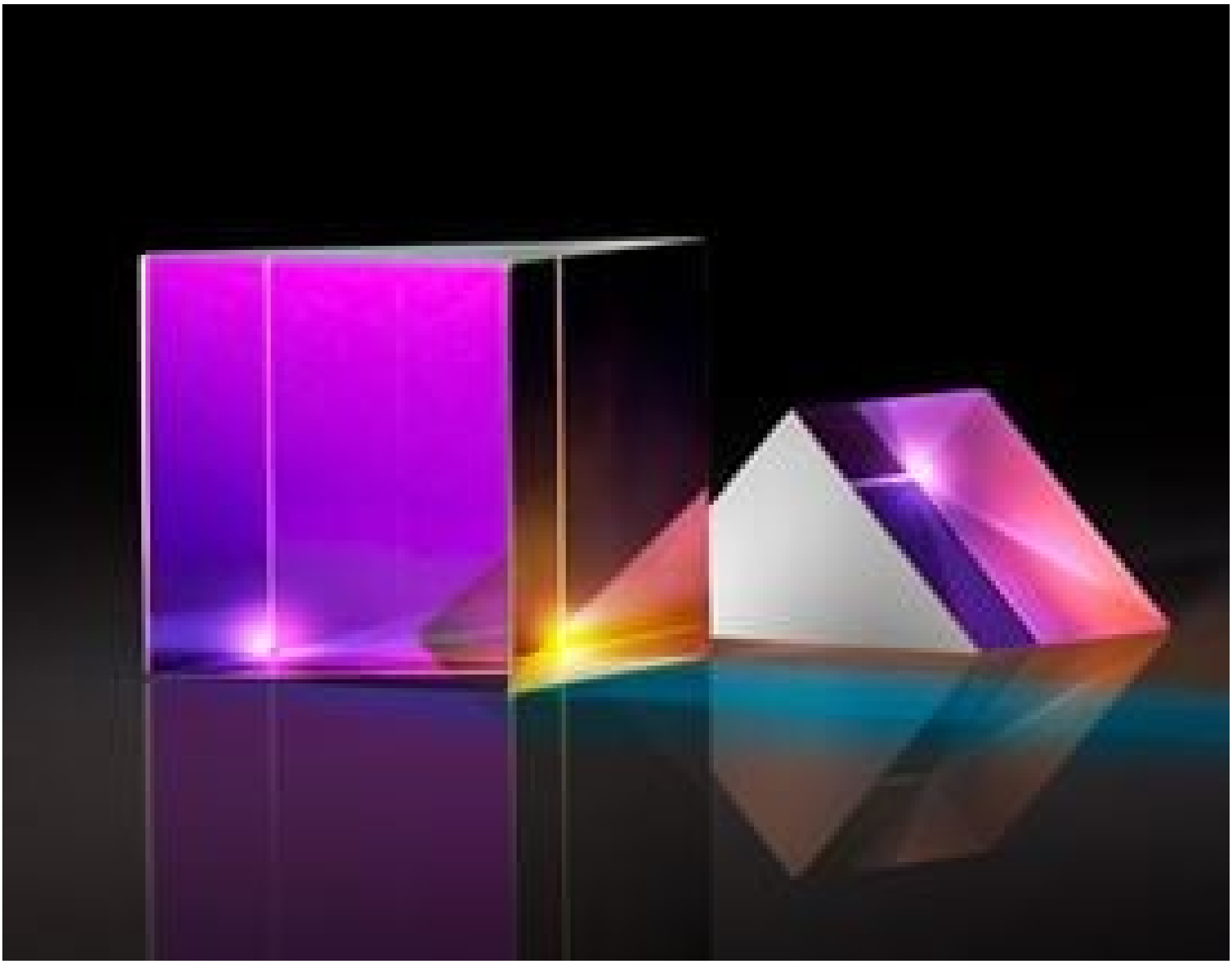
See all 24 Products in Family

TECHSPEC® 5mm 1064nm, Laser Line λ/20 High Tolerance Right Angle Mirror



Stock **#37-658** **5 In Stock**

- 1 + **A$382.40**

ADD TO CART

Volume Pricing	
Qty 1-5	**A$382.40** each
Qty 6-25	**A$313.60** each
Qty 26-49	**A$307.20** each
Need More?	Request Quote

Product Downloads

General

Type:

Right Angle Mirror

Physical & Mechanical Properties

Bevel:

Protective as needed

Clear Aperture (%):

90

Dimensional Tolerance (mm):
+0.00/-0.10

Length of Hypotenuse (mm):
7.10

Length of Legs (mm):
5.00

Optical Properties

Coating:
Laser Mirror (1064nm)

Surface Flatness (P-V):
λ/20

Design Wavelength DWL (nm):
1064

Substrate:
Fused Silica (Corning 7980)

Coating Specification:
R_{abs} >99.8% @ 1064nm @ 45° AOI
R_{avg} >99.5% @ 1046 - 1074nm @ 45° AOI

Surface Quality:
20-10

Damage Threshold, Reference:
1MW/cm^2 @ 1064nm

Pyramid Tolerance (arcmin):
±1

Angle Tolerance (arcsec):
±15

Regulatory Compliance

RoHS 2015:
Compliant

Reach 209:
Compliant

Certificate of Conformance:
View

Need different specs or modifications?

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:

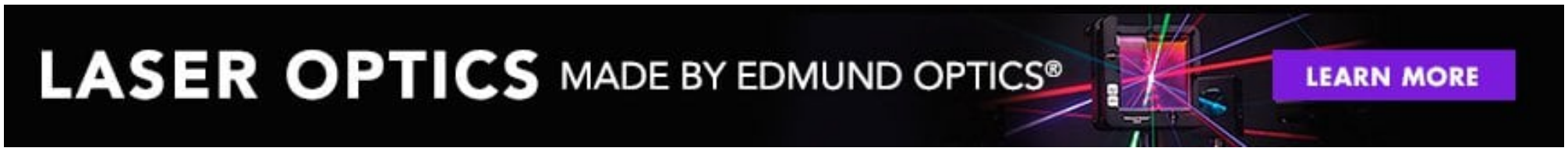
- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

Learn more about our custom manufacturing capabilities or submit an inquiry here.

Product Details

- >99.5% Reflectivity at the Design Wavelength
- ±15 Arcsecond Angular Tolerance
- High Thermal Stability Substrates

TECHSPEC® Laser Line λ/20 High Tolerance Right Angle Mirrors are designed at Nd:YAG wavelengths with durable, high reflectivity dielectric coatings. Right angle mirrors are easily mounted and integrated into systems that redirect light 90°. With ±15 arcsecond angular tolerance and ±1 arcminute pyramid tolerance, these laser line mirrors simplify alignment when mounting. TECHSPEC® Laser Line λ/20 High Tolerance Right Angle Mirrors feature laser induced damage threshold specifications making them ideal for demanding laser applications.



;