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[/ Broadband Anti-Reflection \(BBAR\) Coated Fused Silica Right Angle Prisms \(Leg Coated\)](#)
**TECHSPEC®**

# 15mm UV-VIS Coated, Fused Silica Right Angle Prism (Leg Coated)


 Stock #27-329 **5 In Stock**

- 1 +

 S\$203<sup>.00</sup>
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Volume Pricing	
Qty 1-5	S\$203.00 each
Qty 6-25	S\$162.40 each
Qty 26-49	S\$152.25 each
Need More?	<a href="#">Request Quote</a>

Product Downloads	
STEP:step	Curve:pdf
PDF Drawing:pdf	IGES:igs
Curve (xlsx)	eDrawing:eprt
EO Spec Sheet	<a href="#">Download All</a>

## General

**Type:** Right Angle Prism

**Note:** Coating on Entrance/Exit Faces

## Physical & Mechanical Properties

**Dimensional Tolerance (mm):** +0.00/-0.10

**Bevel:** Protective as needed

**Clear Aperture (%):** 90

**Length of Hypotenuse (mm):** 21.20

**Length of Legs (mm):** 15.00

## Optical Properties

**Angle Tolerance (arcsec):** ±15

**Coating:** UV-VIS (250-700nm)

**Substrate:** [Fused Silica](#) (Corning 7980)

**Surface Quality:** 40-20

**Image Orientation:** Left-Handed

**Coating Specification:** R<sub>abs</sub> ≤ 1.0% @ 350 - 450nm  
R<sub>avg</sub> ≤ 1.5% @ 250 - 700nm

**Ray Deviation (°):** 90

**Wavelength Range (nm):** 250 - 700

**Damage Threshold, Reference:** 3 J/cm<sup>2</sup> @ 355nm, 10ns  
5 J/cm<sup>2</sup> @ 532nm, 10ns

**Power (fringes) @ 632.8nm:** 1.25

**Irregularity (fringes) @** 0.20

## Regulatory Compliance

RoHS 2015: **Compliant**

Certificate of Conformance: **View**

Reach 235: **Compliant**

## 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](#).

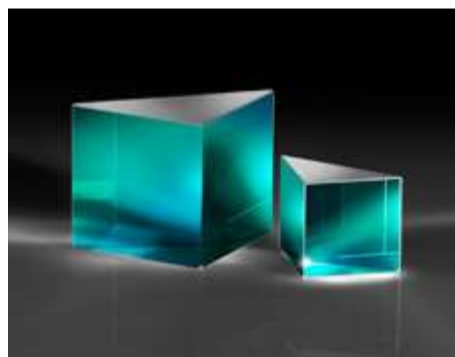
## Product Details

- BBAR Coatings from the UV to the NIR
- Ideal for Low Power Laser Sources
- Sizes Ranging from 5 – 25mm

TECHSPEC® Broadband Anti-Reflection (BBAR) Coated Fused Silica Right Angle Prisms (Leg Coated) bend an image path or redirect light at 90°. Featuring a broadband antireflection (BBAR) coating on both the entrance and exit surfaces, these prisms provide improved transmission efficiency compared to uncoated **UV fused silica right angle prisms**.

Manufactured from UV fused silica, these prisms feature low thermal expansion and excellent transmission through the UV, visible, and NIR spectra. TECHSPEC® Broadband Anti-Reflection (BBAR) Coated Fused Silica Right Angle Prisms (Leg Coated) are ideal for use in a wide range of scientific and industrial applications including medical devices, semiconductor inspection, and laser-based instrumentation.

## Related Products



Broadband Anti-Reflection (BBAR) Coated N-BK7 Right Angle Prisms (Leg Coated)



High Tolerance Fused Silica Right Angle Prisms



Fused Silica Right Angle Prisms



English Prism Mounts

## Resources

### Media Type

- Application Note
- Video
- FAQ
- Glossary

APPLICATION NOTE

Anti-Reflection (AR) Coatings

APPLICATION NOTE

An Introduction to Optical Coatings

APPLICATION NOTE

UV vs. IR Grade Fused Silica

▶ VIDEO

Optical Prisms  
Review

? FAQ

I'd like to  
adhere two  
prisms  
together. ho...

GLOSSARY

Dove Prism

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