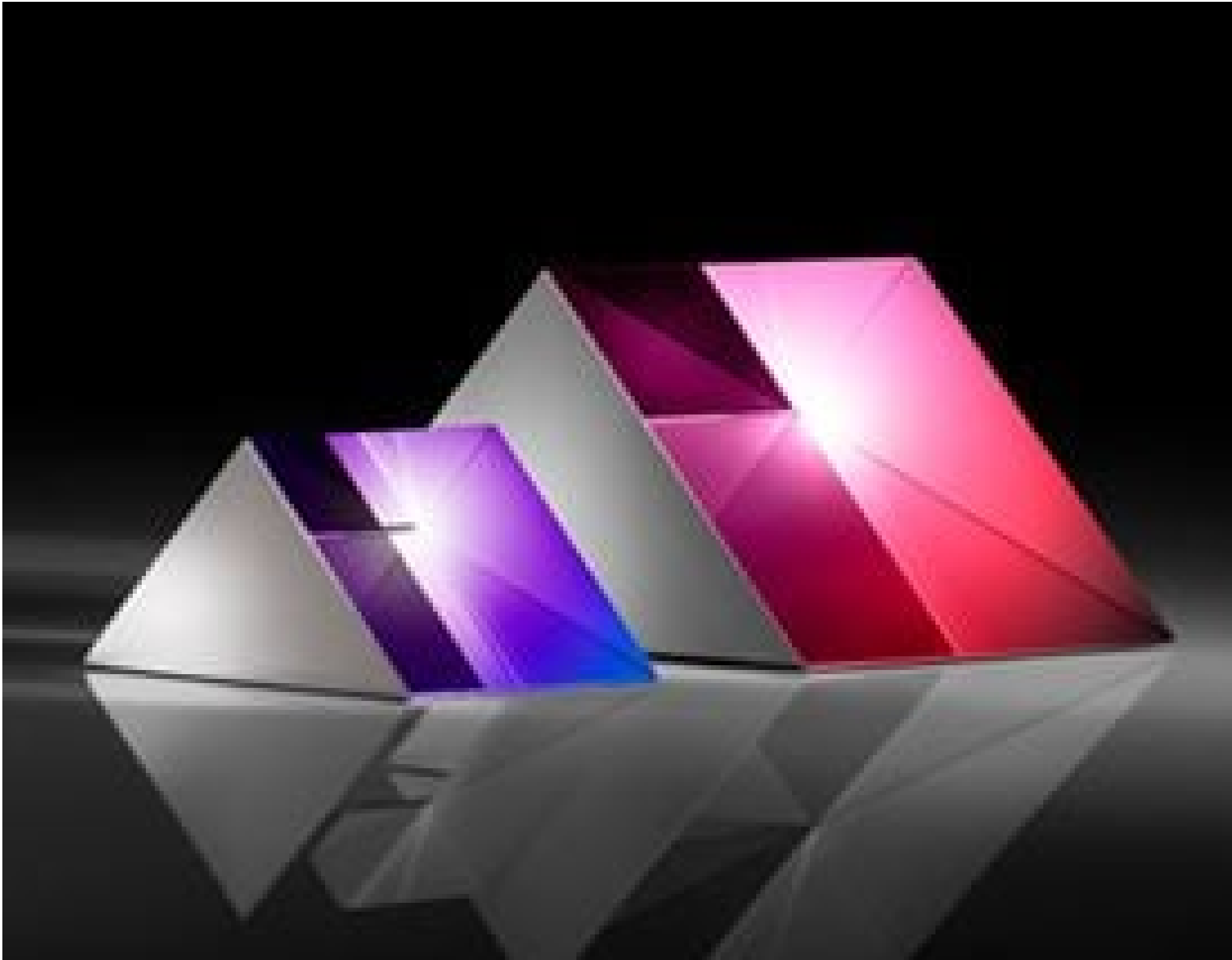


TECHSPEC[®] 15mm UV-VIS Coated, UV Fused Silica Right Angle Prism



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

-

1

+

₹11,970

ADD TO CART

Volume Pricing	
Qty 1-5	₹11,970 each
Qty 6-25	₹9,540 each
Qty 26-49	₹8,955 each
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Product Downloads

SPECIFICATIONS

General

Right Angle Prism

Type:

Coating on Entrance/Exit Faces

Note:

Physical & Mechanical Properties	
+0.00/-0.10	Dimensional Tolerance (mm):
	Bevel:
Protective as needed	
90	
Clear Aperture (%):	
21.20	
Length of Hypotenuse (mm):	
15.00	
Length of Legs (mm):	
15.00	
Optical Properties	
±15	
Angle Tolerance (arcsec):	
UV-VIS (250-700nm)	
Coating:	
Fused Silica (Corning 7980)	
Substrate: □	
40-20	
Surface Quality:	
Left-Handed	
Image Orientation:	
R _{abs} ≤1.0% @ 350 - 450nm R _{avg} ≤1.5% @ 250 - 700nm	
Coating Specification:	
90	
Ray Deviation (°):	
250 - 700	
Wavelength Range (nm):	
3 J/cm ² @ 355nm, 10ns 5 J/cm ² @ 532nm, 10ns	
Damage Threshold, Reference: □	
1.25	
Power (fringes) @ 632.8nm:	
0.20	
Irregularity (fringes) @ 632.8nm:	

Regulatory Compliance	
Compliant	RoHS 2015:
	Certificate of Conformance:
View	
Compliant	Reach 235:

PRODUCT DETAILS

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

TECHSPEC® BBAR Coated UV Fused Silica Right Angle Prisms 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® BBAR Coated UV Fused Silica Right Angle Prisms are ideal for use in a wide range of scientific and industrial applications including medical devices, semiconductor inspection, and laser-based instrumentation.

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](#).