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## TECHSPEC® High Power Laser Line Right Angle Prisms



- 355nm, 532nm and 1064nm Options Available
- High Damage Threshold
- Ray Deviation of 90°
- Additional [Right Angle Prisms](#) Available

### Common Specifications

#### Physical & Mechanical Properties

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

**Bevel:** Protective as needed

#### Optical Properties

**Angle Tolerance (arcsec):** ±40

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

**Surface Quality:** 20-10

**Pyramid Tolerance (arcmin):** ±1

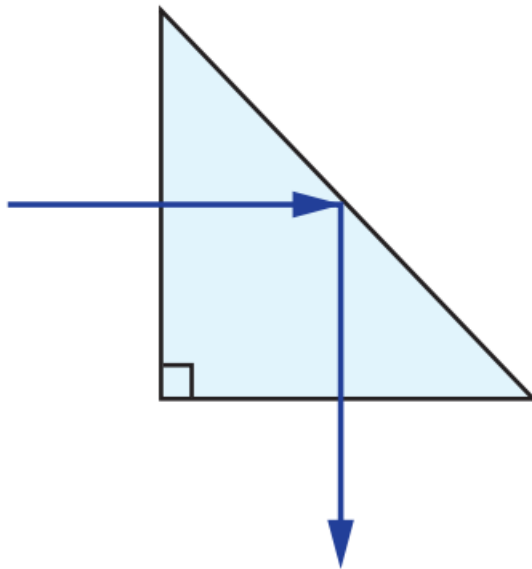
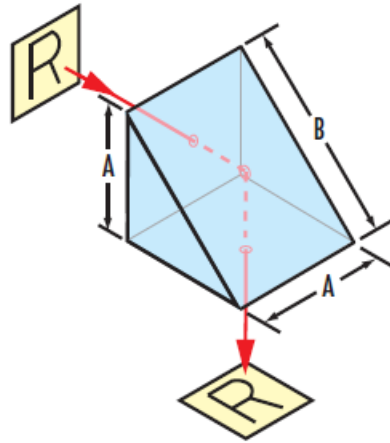
**Image Orientation:** Left-Handed

**Ray Deviation (°):** 90

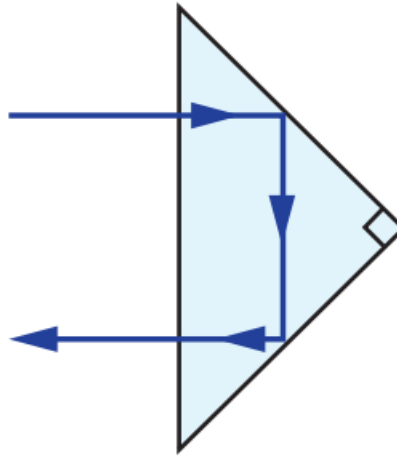
**Power (fringes) @ 632.8nm:** 1.25

**Irregularity (fringes) @ 632.8nm:** 0.20

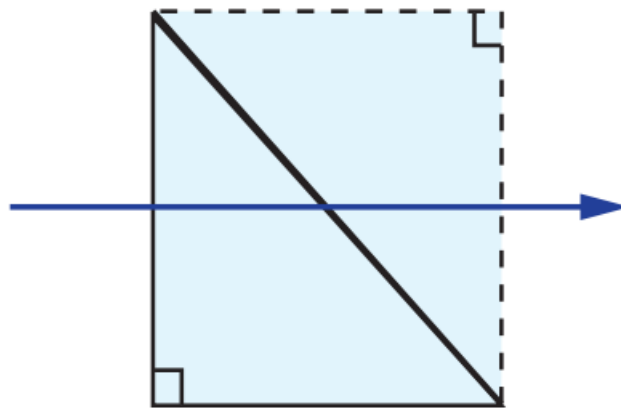
## Technical Information



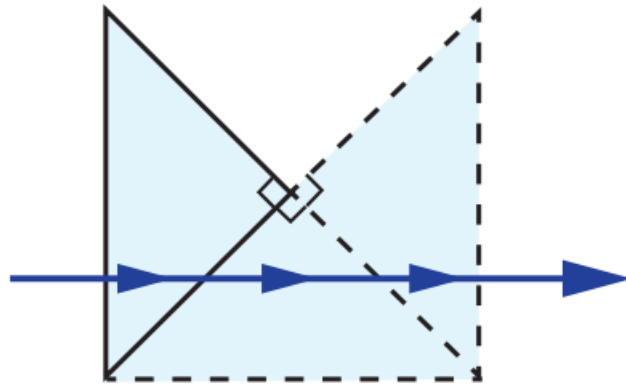
Right Angle Prism Ray Path



Right Angle Prism Ray Path



Right Angle Prism Tunnel Diagram



Right Angle Prism Tunnel Diagram

## Products

| Length of Legs (mm) | Length of Hypotenuse (mm) | Coating               | Stock Number            | Price                                     | Buy         |
|---------------------|---------------------------|-----------------------|-------------------------|-------------------------------------------|-------------|
| 5.00                | 7.10                      | Laser V-Coat (355nm)  | <a href="#">#83-317</a> | €152,44<br><a href="#">Volume Pricing</a> | 5 In Stock  |
| 10.00               | 14.10                     | Laser V-Coat (355nm)  | <a href="#">#83-318</a> | €159,65<br><a href="#">Volume Pricing</a> | 5 In Stock  |
| 12.50               | 17.70                     | Laser V-Coat (355nm)  | <a href="#">#83-319</a> | €162,74<br><a href="#">Volume Pricing</a> | 12 In Stock |
| 15.00               | 21.20                     | Laser V-Coat (355nm)  | <a href="#">#83-320</a> | €167,89<br><a href="#">Volume Pricing</a> | Contact Us  |
| 20.00               | 28.30                     | Laser V-Coat (355nm)  | <a href="#">#83-321</a> | €173,04<br><a href="#">Volume Pricing</a> | 2 In Stock  |
| 5.00                | 7.10                      | Laser V-Coat (532nm)  | <a href="#">#83-323</a> | €152,44<br><a href="#">Volume Pricing</a> | 7 In Stock  |
| 10.00               | 14.10                     | Laser V-Coat (532nm)  | <a href="#">#83-324</a> | €159,65<br><a href="#">Volume Pricing</a> | 6 In Stock  |
| 12.50               | 17.70                     | Laser V-Coat (532nm)  | <a href="#">#83-325</a> | €162,74<br><a href="#">Volume Pricing</a> | 4 In Stock  |
| 15.00               | 21.20                     | Laser V-Coat (532nm)  | <a href="#">#83-326</a> | €167,89<br><a href="#">Volume Pricing</a> | 6 In Stock  |
| 20.00               | 28.30                     | Laser V-Coat (532nm)  | <a href="#">#83-327</a> | €173,04<br><a href="#">Volume Pricing</a> | 2 In Stock  |
| 5.00                | 7.10                      | Laser V-Coat (1064nm) | <a href="#">#83-329</a> | €152,44<br><a href="#">Volume Pricing</a> | 1 In Stock  |
| 10.00               | 14.10                     | Laser V-Coat (1064nm) | <a href="#">#83-330</a> | €159,65<br><a href="#">Volume Pricing</a> | Contact Us  |
| 12.50               | 17.70                     | Laser V-Coat (1064nm) | <a href="#">#83-331</a> | €162,74<br><a href="#">Volume Pricing</a> | 17 In Stock |
| 15.00               | 21.20                     | Laser V-Coat (1064nm) | <a href="#">#83-332</a> | €167,89<br><a href="#">Volume Pricing</a> | 16 In Stock |
| 20.00               | 28.30                     | Laser V-Coat (1064nm) | <a href="#">#83-333</a> | €173,04<br><a href="#">Volume Pricing</a> | 1 In Stock  |



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