



Sirius Optics  
Unit 1  
26 Darnick Street  
Underwood, Qld 4119

Opening Hours  
  
10am-5:30pm Mon-Fri  
9am-2pm Sat

Phone: 07 3423 2355  
[www.sirius-optics.com.au](http://www.sirius-optics.com.au)

## Orion 1.25 Inch Dielectric Twist Tight Diagonal

**Regular  
Price: AUD  
\$289.00**

**Special  
Price AUD  
\$219.00**

### Product Images



## Short Description

---

- 1.25", 90-degree mirror diagonal features sophisticated dielectric coatings with highly efficient 99% reflectivity for peak performance
- Twist-tight clamping mechanism grips inserted eyepieces more securely than typical thumbscrew-equipped diagonals - without scratching!
- Durable dielectric mirror coatings provide higher reflectivity for maximum brightness and contrast
- Machined and anodized aluminum housing features machine-threaded glare baffles to eliminate glare for great performance
- Nosepiece barrel threaded to accept 1.25" filters

## Description

---

The Orion 1.25" Twist-Tight Dielectric Mirror Star Diagonal gives the typical thumbscrew-equipped telescope diagonal a new twist - literally! This innovative diagonal features a twist-tight clamping mechanism that securely grasps inserted 1.25" eyepieces and accessories with a simple clockwise twist of its red aluminum collar.

Unlike thumbscrew-equipped diagonals, the Orion Twist-Tight diagonal delivers equal inward pressure to precisely center eyepieces, camera nosepieces, and other equipment along the light path of the telescope with a more robust grip. What's more, since this diagonal doesn't use a thumbscrew, you don't have to worry about annoying scratches or gouges appearing on your treasured eyepieces, and there's no thumbscrew to lose in the dark! The easy-grip, knurled aluminum twist-tight collar is delightfully easy to adjust, even while wearing gloves during cold nights.

The Orion 1.25" Dielectric Twist-Tight Mirror Star Diagonal is built around a highly reflective mirror with sophisticated, lab-tested dielectric coatings providing 99% reflectivity. With such high reflectivity, this diagonal will help you obtain the brightest views possible through a refractor or Cassegrain telescope. The 1.25" Twist-Tight Diagonal's rugged anodized aluminum housing features machine-threaded internal baffles to ensure optimal contrast and also eliminate pesky internal reflections and glare. What's more, since dielectric coatings are more durable than enhanced aluminum coatings, you'll enjoy year after year of exceptional performance without degradation.

The diagonal's 1.25" nosepiece barrel is conveniently threaded to accept like-sized filters so you can easily swap between different telescope eyepieces and other accessories without the hassle of re-attaching the filter each time. Protective caps are included to keep the diagonal free of dust when not in use.

Please note: diagonals are not recommended for use with Newtonian reflector telescopes.

Specifications

- Design  
Kellner
- Barrel size  
1.25"
- Coatings  
Dielectric
- Optical quality  
Diffraction limited
- Filter threads  
Yes
- Body material  
Aluminum
- Compression ring  
Yes
- 2"-1.25" adapter  
Sold separately
- Weight (oz.)  
8
- Warranty  
One year