#52711

# 2" Photo-Visual Coma Corrector for Newtonians




# Instruction Manual

Never look at the sun with this telescope! Serious permanent eye damage, including blindness, can occur.

## Orion 2" Photo-Visual Coma Corrector for Newtonians

The Orion 2" Photo-Visual Coma Corrector is designed for use with Newtonian reflecting telescopes with focal ratios from f/3.5 to f/6. It reduces coma, improving star images across the field of view or image frame. Coma causes stars away from the center of the field to appear flared or comet-shaped.

The coma corrector can be configured for visual observing or astrophotography.

## Components and Features

The optical elements are housed in a 2" nosepiece. For visual use, the nosepiece threads into the upper housing, which includes a 2" eyepiece holder. The eyepiece holder uses a non-marring brass compression ring and two thumbscrews to secure the eyepiece.

The bottom of the 2" nosepiece is threaded to accept Orion 2" filters.

An M48-to-T2 (M42) adapter ring is included for astrophotographic use.

Astrophotography Configuration

For astrophotography, unthread and remove the upper housing. Use the optics-containing 2" nosepiece with the M48-to-T2 (M42) adapter as required.

The coma corrector has approximately 75mm of back focus. A DSLR camera requires a 20mm spacer ring, sold separately, to achieve the required spacing for proper image focus. Astronomical cameras may require additional spacing depending on the distance between the camera sensor and the front mounting flange.

## Visual Configuration

For visual observing, thread the upper housing onto the optics-containing nosepiece and insert a 2" eyepiece into the eyepiece holder.

Additional spacing may be required with certain eyepieces to achieve focus. Some users have reported that adding 0.75" (19mm) of spacing between the upper housing and the optical nosepiece allowed their wide-field eyepieces to reach focus.

## Specifications

Compatible telescope focal ratios: f/3.5 to f/6

Eyepiece holder: 2"

Filter thread: M48 2" filters

Back focus: Approximately 75mm

Optical coatings: Fully multi-coated

Assembled weight: 11.3 oz

# Orion StarGuard 2 Year Warranty

Visit telescope.com for more information about the Orion StarGuard 2 Year Warranty.