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## Meade 16in f/10 ACF OTA with UHTC

**AUD**  
**\$13,999.00**

### Product Images



### Short Description

- 16" f/10 Advanced Coma Free Optics - 4064mm focal length
- Ultra-High Transmission Coatings (UHTC)
- Oversized Low-Expansion Borosilicate Primary Mirror

- Primary Mirror Lock for increased image stability
- Losmandy-style Dovetail

## Description

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Advanced Coma-Free LX200 Optical Tube comes with Meade's Ultra-High Transmission Coatings (UTHC), Oversized Low-Expansion Borosilicate Primary Mirror, Schott Borofloat Glass Corrector Plate, Diffraction Limited Optics, Losmandy-style dovetail, and Dust Cover.

The Advanced Coma-Free (ACF) optical system has brought the highest level of optical performance well within the reach of most amateurs. Using the Meade exclusive design, ACF optics achieve aplanatic performance — with a flatter field, reduced astigmatism and eliminated diffractions spikes — equal to Ritchey-Chétien systems, at a fraction of the price. Coupled with Meade's Ultra- High Transmission Coatings (standard on all LX200-ACF systems), you have the ultimate in premium optics.

All LX200 models feature a primary mirror locking mechanism, which effectively prevents movement of the primary mirror during long exposure astrophotography or observing. Turn the lock knob located just above the telescopes main focus knob and the progressive-tension primary lock completely cancels any residual image shift due to mirror movement during visual, photographic, or imaging applications.

The 16" LX200 Optical Tube Assembly #1610-60-01 has a 4064mm focal length, an f/10 focal ratio, and weighs 67lbs.

Product carries Australian three year factory limited warranty.

Specifications

Series	LX200 Telescopes
Warranty	3 Years Australian Warranty
Experience Level	Advanced
Clear Aperture	16"
Optical Design	Advanced Coma-Free (ACF)
Optical Coatings	UHTC™
Focal Length	4064mm
Focal Ratio	f/10
Resolving Power (Dawes' Limit)	0.285 arc-seconds
Oversized Primary Mirror	Yes
Mirror Lock	Yes
Typical Guiding Performance with StarLock	< 1 arc-second
Assembled Product Weight	67 lbs