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Meade 10in f/10 ACF SCT OTA with UHTC

AUD
\$3,495.00

Product Images



Short Description

- 10" f/10 Advanced Coma Free Optics - 2500mm focal length
- Ultra-High Transmission Coatings (UHTC)

- Oversized Low-Expansion Borosilicate Primary Mirror
- Primary Mirror Lock for increased image stability
- Losmandy-style Dovetail

Note: Orion 11.63" Glass Solar Filter (Product No. 124909) is recommended for use on this OTA for solar viewing.

Description

Advanced Coma-Free Optical Tube comes with Meade's Ultra-High Transmission Coatings (UHTC), 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 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 10" Optical Tube Assembly #1010-60-01 has a 2500mm focal length, an f/10 focal ratio, and weighs 11.9kg.

Additional Information

Specifications	WARRANTY	3 Years
	CLEAR APERTURE	10"
	OPTICAL DESIGN	Advanced Coma-Free (ACF)
	OPTICAL COATINGS	UHTC™
	FOCAL LENGTH	2500mm
	FOCAL RATIO	f/10
	RESOLVING POWER (DAWES' LIMIT)	0.456 arc-seconds
	OVERSIZED PRIMARY MIRROR	Yes
	MIRROR LOCK	Yes
	ASSEMBLED PRODUCT WEIGHT	11.8kg