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## Celestron C6-A-XLT (CG-5) Schmidt Cassegrain OTA

AUD  
\$1,549.00

### Product Images



### Short Description

The 6" Schmidt-Cassegrain optical tube offers 40% more light gathering ability than a 5" telescope. The Schmidt-Cassegrain design also eliminates chromatic aberration, making it a good choice for entry-level astroimaging.

**NOTE:** The recommended solar filters for this scope for solar observing are;

- the Orion 185 mm (7.17") Glass Solar Filter (Product No. 125081) or
- the Meade Glass White Light Solar Filter 172 - 180 mm (Product No. 125918).

## Description

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- 6" Schmidt-Cassegrain Optical Tube Assembly
- Aluminum Optical Tube
- Celestron's premium StarBright XLT coatings
- 1500 mm focal length (f/10)
- 25 mm eyepiece included (60x)
- Visual back allows for use with 1.25" accessories
- 6x30 finderscope to help accurately find objects
- Star diagonal provides more comfortable viewing position when observing objects that are high in the sky
- Includes dovetail rail compatible with CG-5 Advanced Series mount

Specifications	OPTICAL TUBE INFO:	
	Optical Design	Schmidt-Cassegrain
	Aperture	150mm (6")
	Focal Length	1500mm (59")
	Focal Ratio	f/10
	Focal Length of Eyepiece 1	25mm (0.98")
	Magnification of Eyepiece 1	60x
	Finderscope	6x30
	Star Diagonal	1.25" Star Diagonal
	Optical Tube	Aluminum
	Highest Useful Magnification	354x
	Lowest Useful Magnification	21x
	Limiting Stellar Magnitude	13.4
	Resolution (Rayleigh)	0.93 arc seconds
	Resolution (Dawes)	0.77 arc seconds
	Light Gathering Power (Compared to human eye)	459x
	Secondary Mirror Obstruction	56mm (2.2")
	Secondary Mirror Obstruction by Diameter	37%
	Secondary Mirror Obstruction by Area	14%
	Optical Coatings	StarBright XLT
	Optical Tube Length	406mm (16")
	Optical Tube Diameter	180mm (7.12")
	Optical Tube Weight	10 lbs (4.54 kg)
	Dovetail	Vixen/CG-5 Dovetail bar