



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

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Celestron C8 8 Inch Optical Tube Assembly CG-5

AUD
\$2,399.00

Product Images



Short Description

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Description

- 8" Schmidt-Cassegrain Optical Tube Assembly
- Aluminum Optical Tube
- Celestron's premium StarBright XLT coatings

- 2032 mm focal length (f/10)
- 25 mm eyepiece included (81x)
- 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

Additional Information

Specifications

Optical Design	Schmidt-Cassegrain
Aperture	203.2mm (8")
Focal Length	2032mm (80")
Focal Ratio	f/10
Focal Length of Eyepiece 1	25mm (0.98")
Magnification of Eyepiece 1	81x
Finderscope	6x30
Star Diagonal	1.25" Star Diagonal
Optical Tube	Aluminum
Highest Useful Magnification	480x
Lowest Useful Magnification	29x
Limiting Stellar Magnitude	14
Resolution (Rayleigh)	0.69 arc seconds
Resolution (Dawes)	0.57 arc seconds
Light Gathering Power (Compared to human eye)	843x
Secondary Mirror Obstruction	64mm (2.5")
Secondary Mirror Obstruction by Diameter	31%
Secondary Mirror Obstruction by Area	9.77%
Optical Coatings	StarBright XLT
Optical Tube Length	432mm (17")
Optical Tube Diameter	238mm (9.37")
Optical Tube Weight	12.5 lbs (5.67 kg)
Dovetail	Vixen/CG-5 Dovetail bar