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C9.25 Optical Tube Assembly CGE Dovetail

AUD
\$3,499.00

Product Images



Short Description

9.25" Schmidt-Cassegrain Optical Tube Assembly

Aluminum Optical Tube

Celestron's premium StarBright XLT coatings

2350 mm focal length (f/10)

25 mm eyepiece included (94x)

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 CGE mount

For customers wishing to fit solar filters, the outside OTA diameter is 272 mm.

NOTE: For solar viewing the Astrozap Glass Solar filter (Product No. 124446) is recommended.

Description

General Features

- 9.25" Schmidt-Cassegrain Optical Tube Assembly
- Aluminum Optical Tube
- Celestron's premium StarBright XLT coatings
- 2350 mm focal length (f/10)
- 25 mm eyepiece included (94x)
- 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 CGE mount

Specifications	OPTICAL TUBE INFO:	
	Optical Design	Schmidt-Cassegrain
	Aperture	2345mm (9.25")
	Focal Length	2350mm (93")
	Focal Ratio	f/10
	Focal Length of Eyepiece 1	25mm (0.98")
	Magnification of Eyepiece 1	94x
	Finderscope	6x30
	Star Diagonal	1.25" Star Diagonal
	Optical Tube	Aluminum
	Highest Useful Magnification	555x
	Lowest Useful Magnification	34x
	Limiting Stellar Magnitude	14.4
	Resolution (Rayleigh)	0.59 arc seconds
	Resolution (Dawes)	0.49 arc seconds
	Light Gathering Power (Compared to human eye)	1127x
	Secondary Mirror Obstruction	85mm (3.35")
	Secondary Mirror Obstruction by Diameter	36%
	Secondary Mirror Obstruction by Area	13%
	Optical Coatings	StarBright XLT
	Optical Tube Length	559mm (22")
	Optical Tube Diameter	271.78mm (10.7")
	Optical Tube Weight	20 lbs (9.07 kg)
	Dovetail	CGE Dovetail Bar