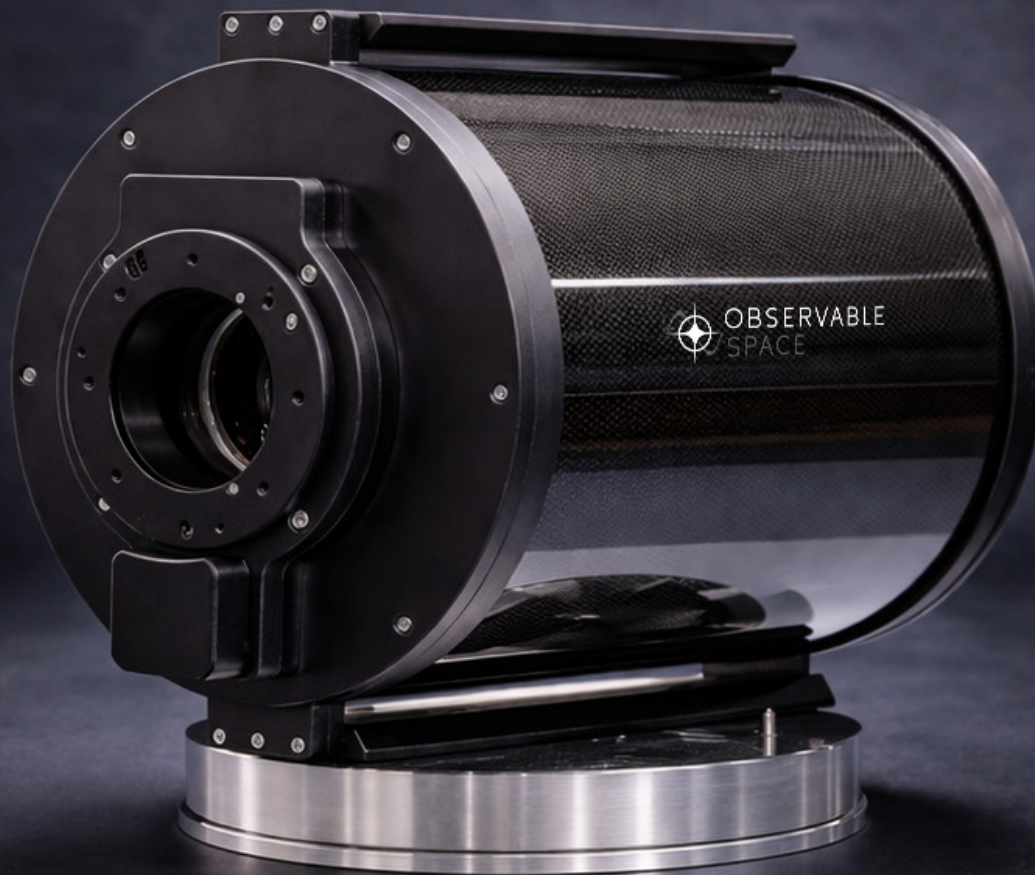


FSCCT8

Lynx Telescope

The first Fast Schmidt Cassegrain Telescope engineered with all Observable Space optics in an 8-inch system.



System

Aperture	203.2mm (8")
Focal Length	568mm
Focal Ratio	2.8
Central Obstruction Diameter	<60%
Back Focus from Mounting Surface	100mm (3.94") <i>Distance from backplate to focal plane</i>
Image Scale	2.75 micron per arcsec
Optimal Field of View	42mm Image Circle (>4 degrees)
Optical Design Performance	< 6.2 microns RMS across FOV
Weight	Less than 9kg (20lbs)
OTA Length	267mm (10.5")
Upper Cage	Carbon Fiber Tube

Lens Group

Diameter	88mm (3.46")
Coating	Broadband AR Coatings

Primary Mirror

Optical Diameter	210mm (8.3")
Outer Diameter	230mm (9.1")
Shape	Spherical
Material	Fused Silica (Quartz)
Coating	Enhanced Aluminum

Secondary Mirror

Diameter	114mm (4.5")
Material	Fused Silica (Quartz)
Shape	Spherical-Convexed
Coating	Enhanced Aluminum



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