

**RITCHEY-CHRÉTIEN EQUATORIAL TELESCOPE F6.76**

1m (1000mm) Ritchey-Chrétien equatorial telescope f6.76

Main Facts**Optical design**

Ritchey-Chrétien RC

Linear central obstruction

35%

Focus position

Cassegrain

Focal length

6760mm

Focal ratio system

f6.76

Clear Aperture / Focal Ratio Primary Mirror

1000mm / f2

Image field

150mm (1.27 degrees)

Mirror material

Fused silica

Surface quality

>94 strehl

Microroughness

1nm RMS / <0.7nm Ra

CoatingAl+SiO₂ >91%**Back Focus from flange**

316.61mm

Weight tube

2100kg (4630 lbs)

