

ASA UWF300 f1.3 Ultra Wide Field telescope**ONE OF THE FASTEST TELESCOPES OF THE WORLD!**

The UWF300 f1.3. telescope offers a groundbreaking optical design and is ideal for short exposure, high SNR wide field surveys. The main mirror works with absolute encoder feedback and can be collimated fully electronic for an easy and fast remote collimation.

Main Facts**Optical design**

Ultra Wide Field, prime corrector

Linear central obstruction

51%

Focal length

393mm

Focal ratio system

f1.3

Clear Aperture / Focal Ratio Primary Mirror

300mm (11.8 inch) / f1.3

Image field

52mm (7.58 degrees)

Mirror material

Fused silica

Image Quality FWHM

<7um RMS

Surface quality

>80 strehl

Microroughness

1.3nm RMS / <0.7nm Ra

CoatingAl+SiO₂ >96%**Back Focus from flange**

25.14mm

Weight tube

30kg (66lbs) (no camera or filter)

