



Guidescope 40mm with dovetail

Dark Clear Skies



Objective lens diameter: 40mm

Lens focal length: 132mm

Focal ratio: F3.5

Objective Construction: Three-piece design (2+1)

Image circle size: 1/2.7 (for high-quality guide or deep-space for small-format cameras) Angle: 2.96°

Product information

Tube::

Carbon tube

Overall length: 154mm \pm 0.5 (including extension ring 166mm)

Adjustment stroke: 14mm-0.5

End connector: 1.25 inch connector

Thread specification: M42*0.75mm (commonly known as T2 interface)

Base interface: 3 1/4 inch screw interfaces

Net weight: 389g

Gross weight: 508g

Connections on the camera side:T2 (M42x0.75) and 1.25"

Adjustment range of the helical focuser:15 mm

Focus point with T2 extension:-5 mm to 10 mm

Focus point without T2 extension:5 mm to 20 mm



1. Three-piece (2+1) 40mm lens;

Product information

2. Support single-gun guide star plus photography, 1/3inch format, high-quality imaging circle 130mm guide star mirror, excellent guide star point;
 3. Support the merger of double guns, and combine them into binoculars (the normal value of adult pupil distance is 58-64).
 4. The telescope was specially developed for tracking at high resolution with guiding cameras that have very small pixels. The triplet ED objective produces very precise star images and thus guarantees accurate tracking despite the short focal length of only 132 mm. Telescopes up to 10" aperture can thus be guided with the appropriate tracking camera.
- 5.40ED has a T2 thread and a screw-on 1.25" adapter. With T2 extension rings (optional) you can get your camera at the optimal distance. Once you have achieved the exact focus, tighten the blue counter ring.



Package including:

Product information

Mini

Guide Scope

Bracket and dovetail bar for finder shoes

Adapter from T2 to 1.25"

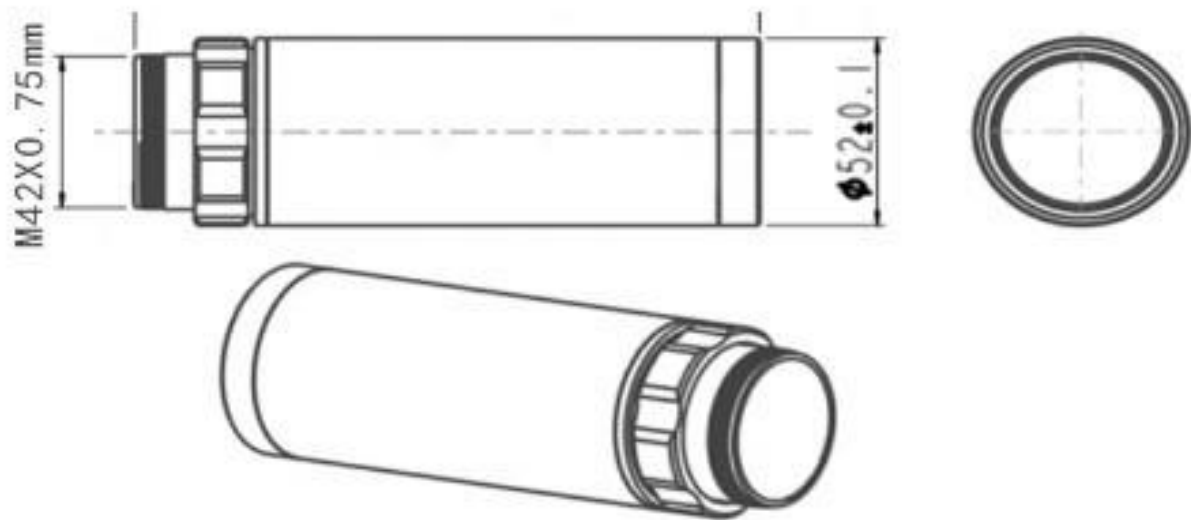
T2 extension, length 10 mm

Dust caps

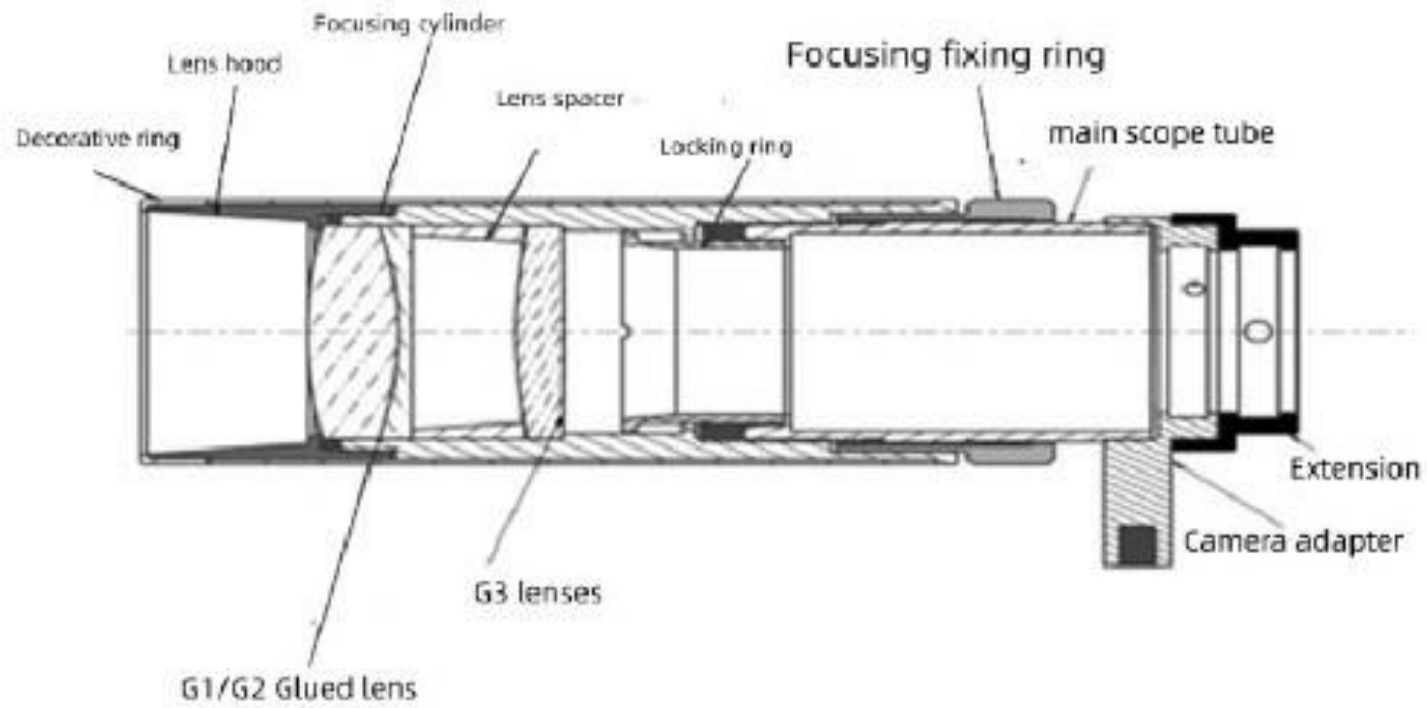
Plastic case



Product information

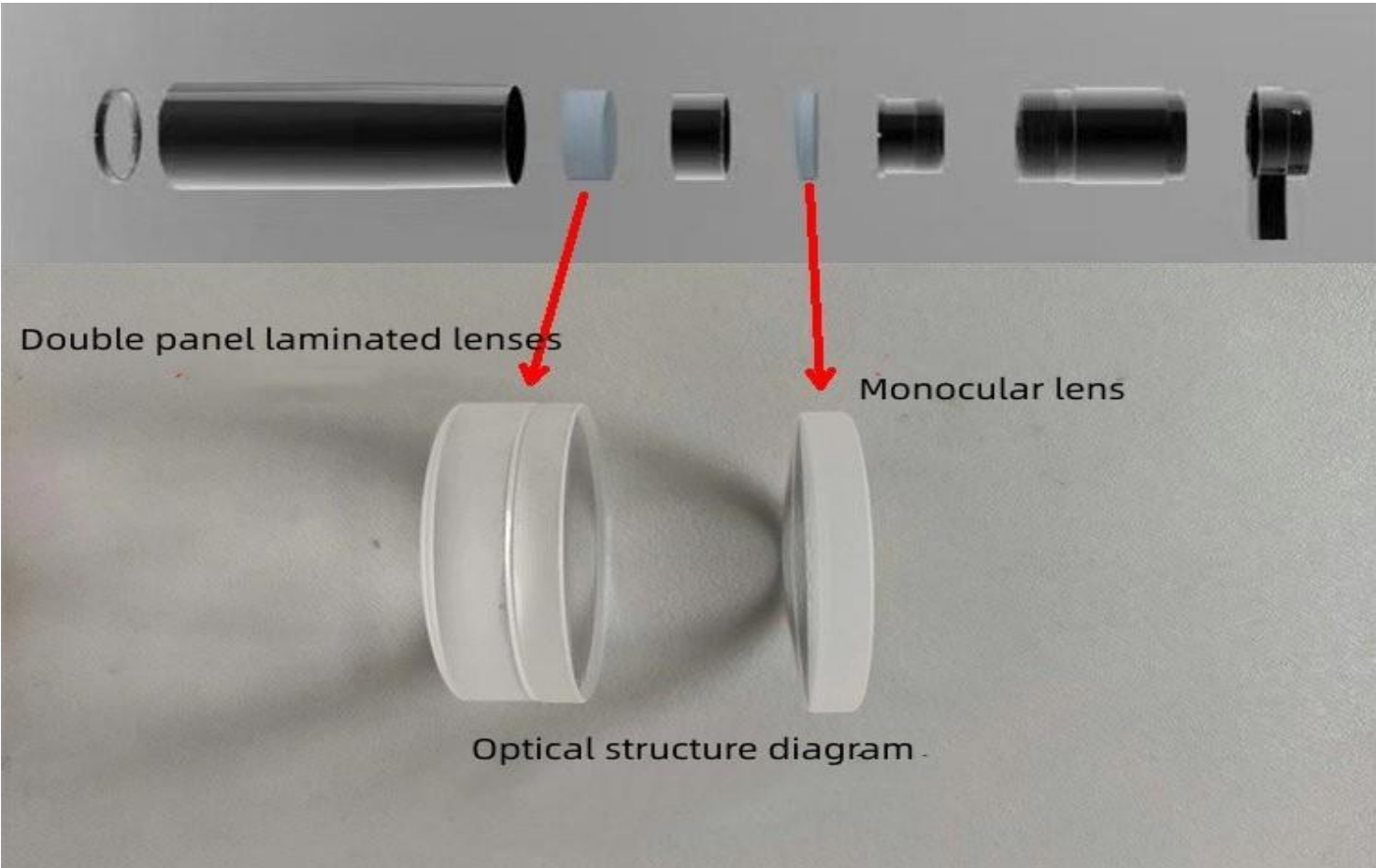


Product information

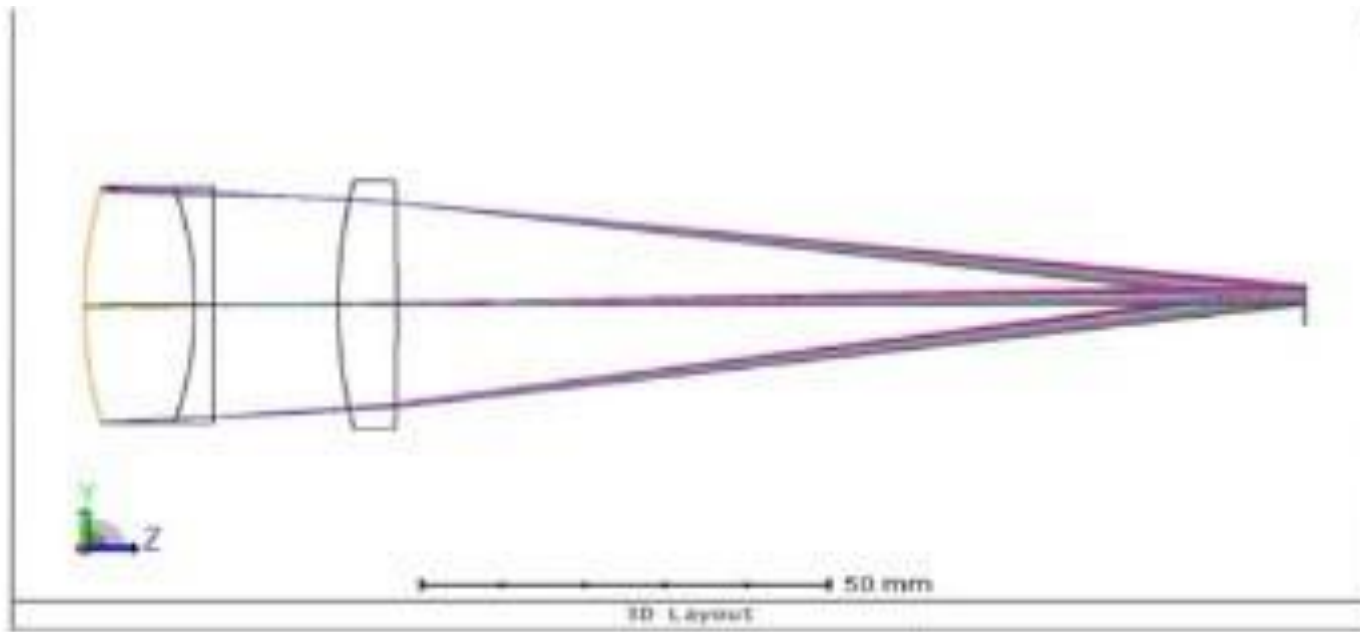




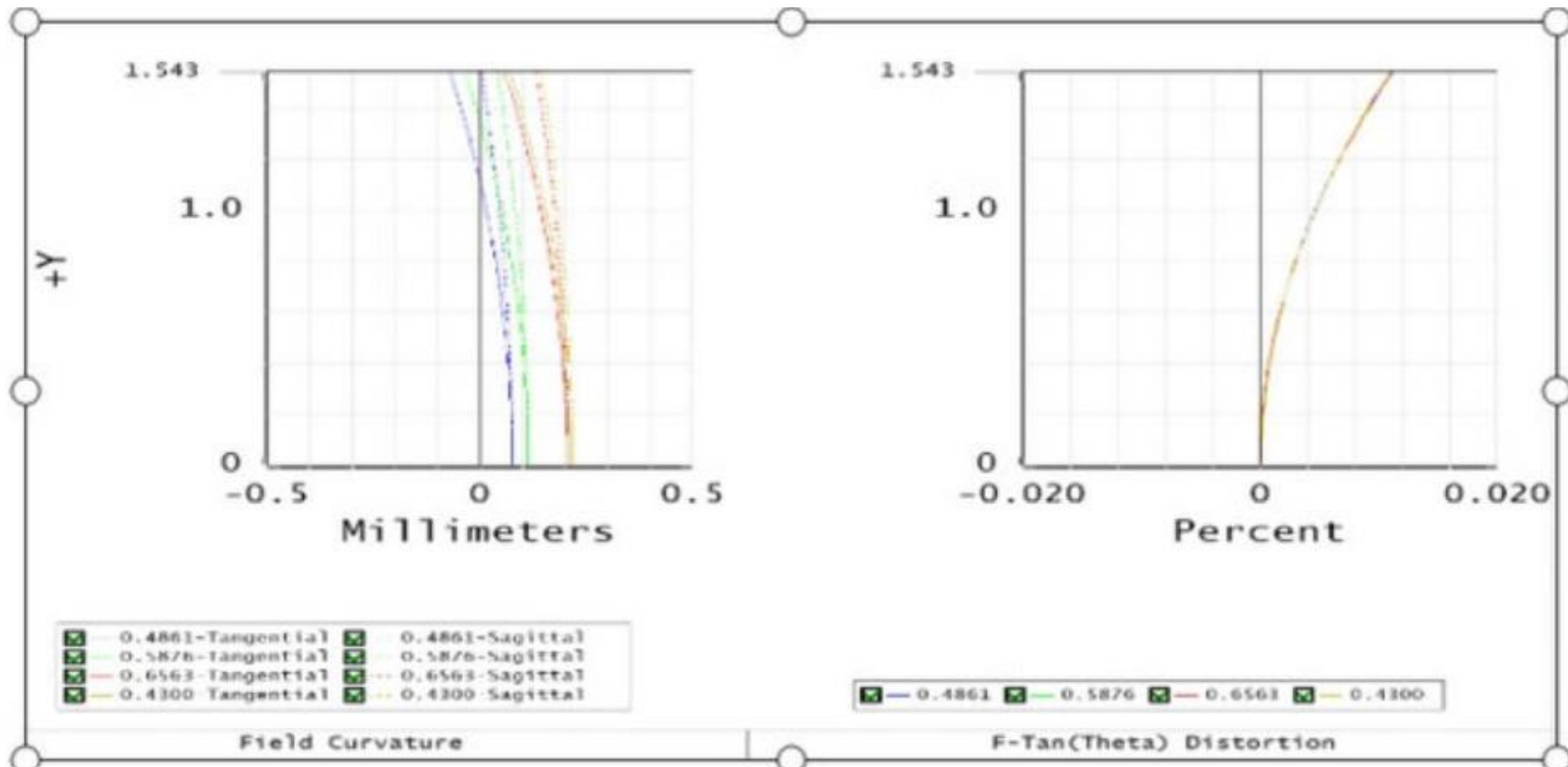
Product information - Optical structure diagram



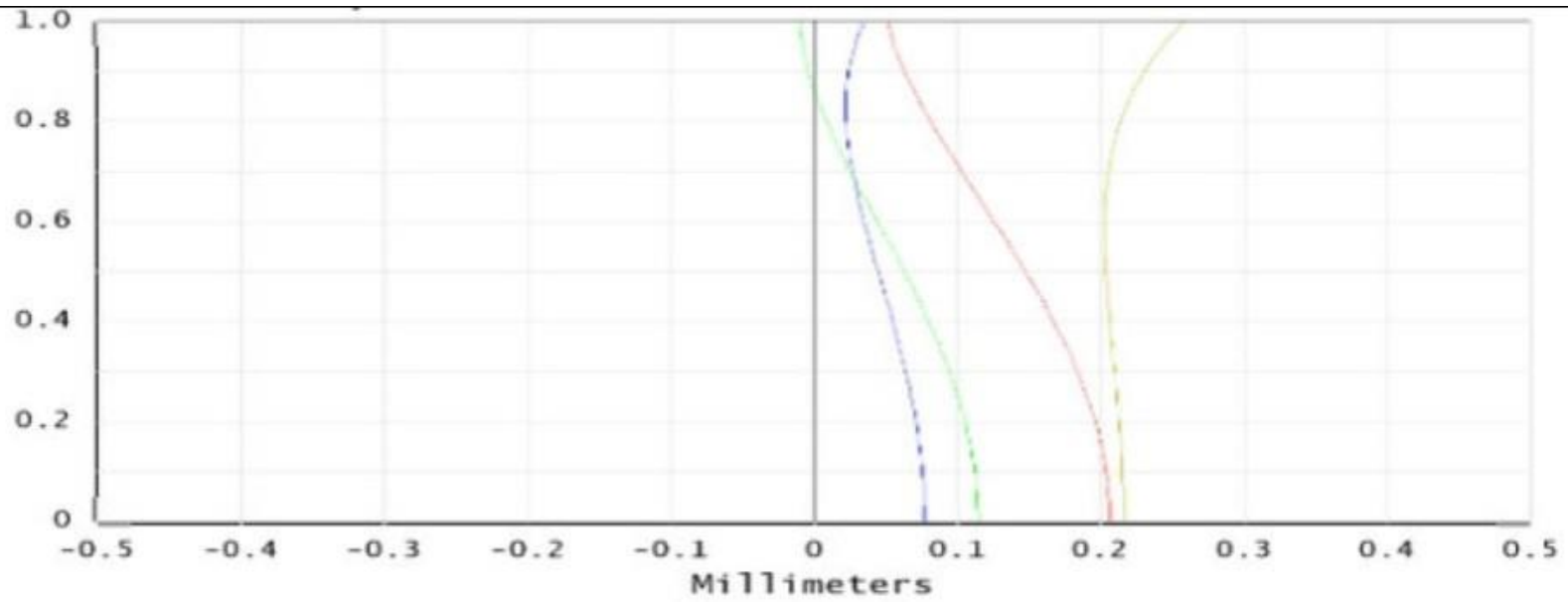
 Product information - Optical path diagram



 Product information - Field Curvature Distortion

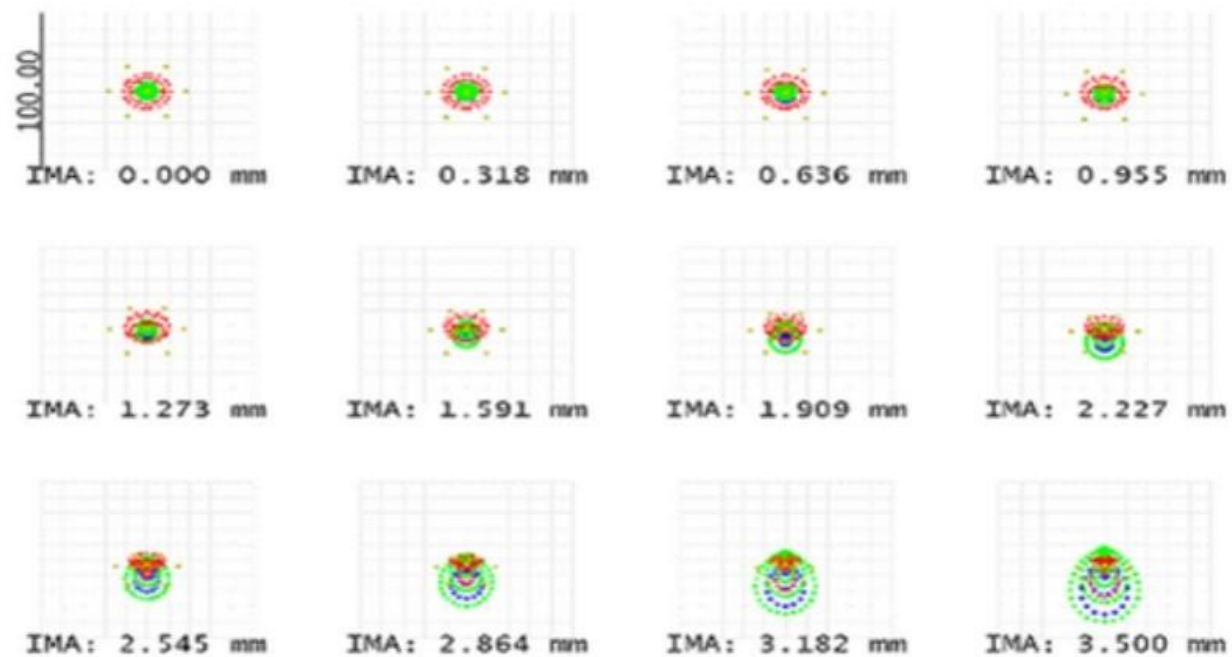


Product information - Axial Color



0.486 0.588 0.656 0.430

 Product information - Spot Diagram



Surface: IMA

Spot Diagram

40130, F031/0/4
 Rays are in. Legend stars refer to Wavelengths
 Field : 1 2 3 4 5 6 7 8 9 10 11 12
 RMS radius : 0.098 0.041 0.039 0.007 0.042 0.220 0.024 2.338 0.338 9.605 11.343 13.293
 GDQ radius : 19.432 19.145 19.074 19.992 20.078 19.999 19.466 25.895 25.052 29.544 34.370 39.528
 Scale bar : 100 Reference : Chief Ray

Zem: