

■ FCT-65D

The newly released "FCT-65D" revives Takahashi's famous FCT optical system with modern optical technology and makes the FCT-65D a robust and compact 1.9 kg telescope designed for modern digital astrophotography.

The features of the FCT, which produce extremely sharp images free of central aberrations, are a convenient advantage for modern digital astronomical cameras.

By further evolving this characteristic, it boasts a bright field and nearly perfect central image. The FCT-65D has a Strehl ratio of approximately 98%, with a 65 mm aperture and 400 mm focal length at F/6.2.

Furthermore, when using the ultra-high performance dedicated 65D FU Reducer 0.65X with modern optical technology not available 40 years ago, the FCT-65D becomes a 260 mm F/4 astrograph providing overwhelming performance, with an RMS radius of approximately 2 microns from the center to the periphery of the full frame, and peripheral illumination of approximately 70% or more.

Please understand the focuser flange is the thickest on the body exterior ($\varnothing 95\text{mm}$) to accommodate the 65D FU Reducer 0.65X.

Taking the advantage of the FCT optical system, which has been a visionary design for over 40 years; we at Takahashi keep developing and refining it. Today, the FCT-65D is a cutting-edge, robust, and compact optical system for the modern digital astrophotography era.

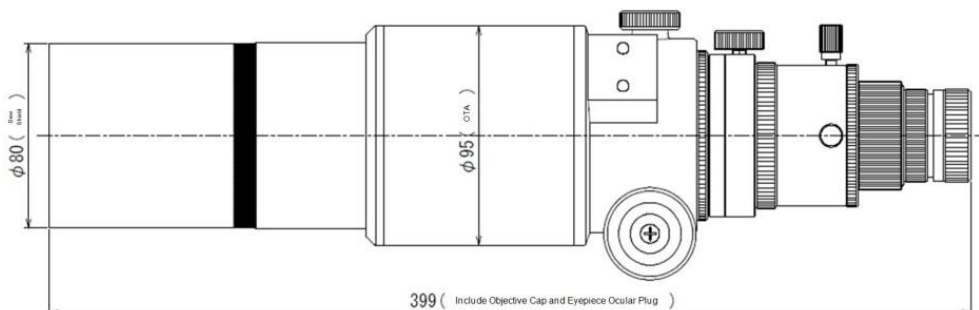


Fig. FCT-65D Body overview, (Standard version)

For visual, please add the optional "50.8 extension tube" or "mirror/prism diagonal" to achieve focus.

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