



The TS APO80Q is an 80mm refractor with a focal length of 544mm. In terms of optical construction, it is an apochromatic triplet with an additional two-element field flatness corrector (quintuplet, 5-element system), dedicated to advanced astrophotography of deep sky objects in wide frames and visual observations of planets and the moon. Characteristics " lens: three-lens APO with FPL-53 glass " Perfect color correction appropriate for apochromatic construction " built-in flattener (allows to obtain a flat field even for large CCD matrices) " 2 inch high-strength cut, teflon washer bearing, millimeter graduation " system of internal diaphragms that do not generate vignetting also in full-format cameras " CNC clamps included Technical data " optical system: apochromatic triplet with FPL53 with built-in field flatness corrector (quintuplet) " Objective diameter: 80 mm " focal length: 544 mm " lighted: f / 6.8 " maximum usable magnification: 240x " minimum useful magnification: 11.4x " 2.5 "eyepiece lift with 2" outlet, lifting capacity up to 5 kg, 360 ° rotatable " visual stellar range: 12th magnitude " Diameter of the circle of full illumination and correction: 45 mm " resolving power: 1.75 " " length: 375 mm (retracted urinal, 90 mm long) " weight: 3.5 kg (with clamps) Usage Moon planets star clusters nebulae landscapes Warranty 2 years