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Explore Scientific 80 mm APO from the Essential line is a true apochromatic triplet, with diffraction limited optics, characterizing chromatic aberration corrected practically to zero. Made of low-dispersion ED glass from HOYA, it provides excellent contrast. All optical surfaces have been covered with excellent EMD layers. Excellent equipment for photographing Deep Sky's objects, observing planets and as a telescope for observation and nature photography from a high quality shelf. Characteristics

- real apochromatic triplet with an air break with 80/480 f / 6, Hoya glass
- all optical surfaces covered with anti-reflective layers EMD (TM) ensure very high efficiency of the system
- the tube is equipped with internal diaphragms and carefully matt blackened, thanks to which the reflections are practically eliminated
- retractable diffuser slows the dew condensation process on the lens optics and effectively reduces glare during daytime observation

Technical parameters

- Optical system: the apochromatic triplet
- Lens diameter: 80 mm
- Focal length of the lens: 480 mm
- Lighted: f / 6
- Switching capacity: 1.45 "
- Theoretical range: 12 magicians
- Anti-reflective layers: EMD (Enhanced Multilayer Deposition)
- Length of the optical tube: 38 cm (without diffuser) / 47.5 cm (with difler)
- Diameter of the tube: 85 mm
- Weight: 3.4 kg (without packaging)

Usage Moon the planet star clusters nebulae scenery Warranty 2 years