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Sky-Watcher 100/600 ED APO OTAW is the bigger brother of the very popular ED80 tube. A larger 100 mm lens and 900 mm focal length mean a significant increase in resolution and even lower chromatic aberration. This is a great equipment for observing and photographing Solar System objects and compact clusters. After attaching the optional flattener / focal length x0.85, we get a focal length of 765 mm and light f / 7.65, and then it is possible to use this tube in astrophotography of the Deep Universe objects. Optics: one of the elements of the lens system is made of high-class low-dispersion ED ED (FPL-53). The novelty is the use of German glass company Schott AG, leading in the field of glass for optics as the chronicle of glass (the owner of Schott is 100% Carl Zeiss AG - a company known for the highest quality visible in optics design, what materials are used). All in all, we get the optics of one of the highest in the world, for a price that is a fraction of the price we have to pay for the tubes of Japanese brands with analogous parameters. Each glass-air surface was covered with layers of MHC ("Metallic High-Transmission Coating"), ensuring efficiency on a single border of 99.5%. The excellent mechanics are in the first place a Crayford Rack & Pinion with a 1:10 micrometer.

Included with the tube is a very good two-inch dielectric 90° angular cap with 98% efficiency, a 2" focal-length 28 mm eyepiece, an 8x50 finder with a cross, and a bracket and dovetail splint. Technical data ∅ optical system: the doublet ED ∅ Lens diameter: 100 mm ∅ focal length: 900 mm ∅ lighted: f / 9 ∅ optical advances: Japanese FPL-53 (ED), cr Schott AG ∅ weight: 3.7 kg ∅ the weight of the set with the suitcase: 10.6 kg ∅ 2" eyepiece with a microfooter 1:10 ∅ dimensions of the optical tube: 100x920 mm ∅ equipment: 2" 28 mm eyepiece, cross scanner straight 8x50, 2" 90° angular union with reduction to 1.25", 2 clamps, dovetail, aluminum case Usage Moon the planet star clusters nebulae scenery Warranty 3 years