



Esprit series refractors are optical equipment designed for the most demanding astrophotographers and lovers of visual observations, looking for uncompromising solutions. All Sky-Watcher Esprit models are characterized by an almost complete reduction of optical defects in the field of view as well as off-axis aberration such as distortion or chromatic aberration. The heart of the Sky-Watcher Esprit 80 mm F / 5 refractor is an apochromatic triplet made of the highest quality Schott BK-7 and FPL-53 ED glass. Careful selection of materials for the lenses and their multi-layer anti-reflective coating guarantee a sharp image with perfect color reproduction. Additionally, a specially designed, internal system of partitions is responsible for obtaining a perfect contrast. This instrument uses a dedicated flattener mounted with an M48 connector. It is compatible with a robust 2.7 "diameter hoist, capable of supporting a load of up to 5 kg without the risk of losing alignment, which means that it can be used to connect to even large professional SLRs of this refractor. The most important features of the Sky-Watcher Esprit 80 mm F / 5 refractor " APO ED triplet made of the highest quality FPL-53 ED and Schott BK-7 glass, covered with a multi-layer anti-reflective coating " dedicated flattener with M48 fitting included in the set " solid cut with 3 "diameter allows to mount even heavy SLRs without fear of loss of alignment " fold-out urinal facilitating transport of the optical tube Technical parameters " optical system: ED-APO apochromatic triplet " Objective diameter: 80 mm " focal length of the lens: 400 mm " lighted: f / 5 " resolving power: 1.75 " " star range: 12.5 mag " maximum usable magnification: 160x " lens material: FPL-53 Super ED glass (Ohara, Japan), Schott BK-7 glass (Schott, Germany) " anti-reflective coating: full MHT multilayer coating " circle diameter of full illumination: 33 mm (with flattener) " back focus: 66 mm (with flattener) " diameter of the eyepiece: 2.7 ", reduction to 2" " type of eyepiece: Linear Power, microfocus 1:11 " maximum lifting capacity: 5 kg " finder: angular, 9x50 " angle attachment: with dielectric mirror " length: tubes: 450 mm " tube diameter: 83 mm " weight: 3.9 kg Kit components " Sky-Watcher Esprit 80 mm F / 5 refractor " dovetail rail of the Vixen type (width 45 mm) " tube clamps " dedicated flattener

with M48 mount " 9x50 angular finder " 2 " angular attachment " threaded reduction 2.7 / 2 " " aluminum trunk " T2 / M48
ring (Canon) Warranty 60 months

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