



Celestron Omni Ploessl is a series of high-class, symmetrical 4-piece glasses. They are characterized by high quality mechanical workmanship and good optics. The body of each eyepiece undergoes a two-stage anodization process in order to obtain a higher durability and eliminate reflections. The edges of the lenses are blackened, reducing internal flares and achieving higher contrast in the images obtained. Optics covered with high-quality MC layers on all optical surfaces. Eyepiece equipped with a 1.25" filter thread and soft rubber eyecup. Typical Applications The eyepiece with a focal length of 12 millimeters allows you to obtain magnification of conventional medium and large, depending on the focal length of the telescope. It cooperates well with all optical constructions, with any light shafts. Combined with a good quality 2x Barlow lens, it can replace a 6 mm eyepiece. For example, in a telescope with a focal length of 1200 mm and a mirror diameter of 203 mm (e.g. Sky-Watcher N-203/1200 Dobson, GSO Dobson 8" Deluxe) we get a magnification of $1200/12 = 100x$, universal magnification for observing the Moon, planets, star clusters, binary and multiple systems In the Maksutov - Cassegrain 127 f / 11.8 telescope (eg Sky-Watcher MAK 127) we get the magnification of $1500/12 = 125x$, appropriate in all conditions for observing compact objects. The eyepiece can be used under average and better seeing conditions (atmosphere stability). Recommended applications: telescope dependent, in general all types of objects, except sweeping nebulae. Technical parameters " construction: Ploessla, 4-piece " focal length: 12 mm " offset of the exit pupil: 8 mm " own field of view: 52 ° " anti-reflective layers: MC on all optical surfaces " housing: anodized aluminum " luminaire diameter: 1.25 " Warranty 2 years