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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 An eyepiece with a focal length of 6 millimeters allows you to obtain large magnification. A proper eyepiece for telescopes with a light intensity not less than $f / 12$. It is not recommended for Maksutov telescopes with a power smaller than $f / 13$ - $f / 15$, as the magnifications will be basically too high. 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 $1200/6 = 200x$, a typical planetary magnification, allowing to obtain a very satisfactory images in most atmospheric stability conditions Using this eyepiece with a 90 mm $f / 10$ refractor (eg Spinor Optics R-90/900) we will get an magnification of $900/6 = 150x$, so A bit below the maximum usable magnification As you know, the maximum usable magnification requires even ideal conditions, so by using the 6mm eyepiece you will get the optimal magnification under good and very good seeing conditions. The eyepiece, due to the obtained high magnification, requires at least good seeing (the stability of the atmosphere). Recommended applications: Moon observations, details of planetary disks, tight star binary systems, compact globular clusters. Technical parameters " construction: Ploessla, 4-piece " focal length: 6 mm " offset of the exit pupil: 5 mm " own field of view: 52 ° " anti-reflective layers: MC on all optical surfaces " housing: anodized aluminum " luminaire diameter: 1.25 " Warranty 2 years