



TMB 3.2 mm Planetary II is a short-range eyepiece offered by TMB Optical, a company created by the renowned designer of apochromatic refractors, Tomasz Back. The 3.2mm TMB Planetary II eyepiece is designed to achieve maximum contrast, detail and resolution when observing bright objects such as the Moon and planets, both on the optical axis and at the edges of the field of view. This eyepiece is characterized by a high transmission of light and minimal reflections. This allows you to achieve very high magnification with high quality mapping of objects in the reflex focuses, reflectors and catadioptrical systems with good viewing conditions at the astonishing low price of the eyepiece.

In general, this eyepiece is not recommended for f / 10 catadioptric telescopes, because with a small exit airtight 1/3 of a millimeter and a rather dark image, the effects will not be satisfactory. We recommend this eyepiece for bright lenses, both spotlights and refractors. For example, for the refractor 6" f / 5 (eg Bresser R-152/760) we get a lunar - planetary magnification equal to 237.5x, whereas in the popular Newtons 8" f / 6 (GSO Dobson 8", Sky-Watcher Dob 8") we will reach the maximum useful magnification, i.e. 375x, which, of course, is used in good atmospheric conditions and after proper optics of the telescope optics. This is one of the most interesting glasses for separating the double systems and "breaking up" compact globular clusters. Removal of eye relief of 14 mm is surprisingly good for the eyepiece with such a short focal length. Vignetting occurs only in people who need to wear optical glasses during observations and it is small. Also, this is not a major disadvantage, because the TMB Planetary II series glasses are dedicated to observing planets, double stars, etc. objects that are compact and stay in the middle of the field of view, where the human eye has the maximum sharpness of the image. For telescope owners on Dobson assembly and other telescopes without drives, very small color fission and low level of other aberrations allows observation of planets drifting through the whole field of view (own 58 ° field) of the eyepiece, thus maximizing the observation time of the object between further telescope shifts. Although the eyepiece is optimized for observing the subtle details of the Moon and planets, the eyepiece characteristics allow equally efficient use of the eyepiece for separating compact double systems or observing globular clusters. â€¢ Focal length: 3.2 mm â€¢ Field of view: 58 ° â€¢ Distance of the exit pupil: 14 mm â€¢ Diameter of binding: 1.125 inches â€¢ Anti-reflective layers: FMC â€¢ 6-element eyepiece â€¢ Weight: 142 g Warranty 2 years Logo variability: depending on the delivery from the factory, the eyepiece is either without a logotype or with the StarGuider logo