

Borg 1.04X Multi-Flattener [7784]



The Borg 1.04X Multi-flattener, part number 7784, is designed for use as a photographic field flattener for 35mm photography with refractors between 450mm and 1200mm. It features a built-in camera rotator ring for easy adjustment of composition, wide non-vignetting light path, and 10 micron spot size out to 90% of the 35mm frame when used with Borg refractors.

Setup and Configuration

Setup of the 1.04X Multi-flattener simply consists of adjusting the setscrew to match the focal length of the refractor.

Attachment to the telescope depends on the scope type as described below:

- Borg 80mm series (see photo at right):
 - 7835 Helical focuser M
 - 7784 Multi-flattener 1.04x
 - 500x 35mm camera interface
 - 35mm camera body
- Borg 115mm series (photographic configurations):
 - 8167 Medium format helical focuser
 - 8035 35mm camera adapter II
 - 7784 Multi-flattener 1.04x
 - 500x 35mm camera interface
 - 35mm camera body
- Borg 115mm series (visual configurations):
 - 8317 Visual draw tube
 - 7835 Helical focuser M
 - 7784 Multi-flattener 1.04x
 - 500x 35mm camera interface
 - 35mm camera body



In addition, third party scopes are also supported:

- Vixen ED/FL – attach 7784 Multi-flattener 1.04x directly
- Takahashi FC50/60 – requires Borg 7910 (M47 to M57/60) adapter
- Takahashi FC76/FS78 – requires Borg 7911 (M56 to M57/60) adapter
- Takahashi FC100/125, FS102/128 – requires Borg 7912 (M72 to M57/60) adapter

Note that this flattener is recommended only for use with refractors, and directly with objectives only (i.e. should not be used with Borg 100EDF4, 125F4, or 125F2.8 systems).