

## FRA400C 0.7x 全画幅减焦镜

### FRA400C 0.7x Full Frame Reducer

■ 使用说明书

■ User's Manual

请勿通过望远镜直接观察太阳，这样做可能导致瞬间失明，  
请购买专用太阳观测滤镜或滤膜，来获得最安全的观测指导。

**DO NOT LOOK AT SUN THROUGH TELESCOPE.  
IT WILL CAUSE IRREVERSIBLE DAMAGE TO YOUR EYE.**

[www.sharppstar-optics.com](http://www.sharppstar-optics.com)

#### 参数

FRA400C搭配后 焦距: 280mm

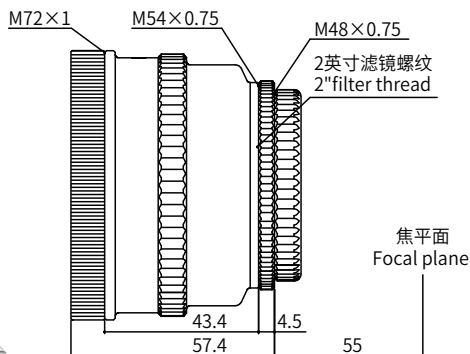
FRA400C搭配后 焦比: F3.9

物镜类型: 三片式

后截距: 55mm (M48端面算起)

重量: 0.46kg

末端接口: M48x0.75 (内置2英寸滤镜螺纹)



使用产品前请仔细阅读本使用说明书。

#### Instructions for use

专为FRA400C设计的0.7x减焦镜，采用三片式设计，搭配FRA400C使用可使整体焦距降至280mm，整体焦比降至F3.9，同时具有平场修正功能。搭配减焦镜使用后，FRA400C支持全画幅拍摄，后截距为标准55mm。

更短的焦比，可以使摄星镜获得更宽的视野，拥有更快的曝光时间，适合捕捉大面积的星云、星团，以及更暗淡，快速移动的天体。FRA400C减焦镜末端接口为M48x0.75，内置2英寸滤镜螺纹，方便接驳滤镜。

Specially designed for the FRA400C, this 0.7x reducer adopts a triplet lens design, it can reduce the overall focal length to 280mm and the focal ratio to F3.9 while providing a flat-field correction. When used with the reducer, the FRA400C supports full-frame imaging and the back focus is a standard 55mm.

The shorter focal ratio enables the telescope to achieve a wider field of view and faster exposure times, making it ideal for capturing large nebulae, star clusters, as well as faint and fast-moving celestial objects.

The FRA400C reducer features an M48×0.75 rear-end adapter and has a built-in 2-inch filter thread for convenient filter attachment.

#### Parameters

(After attaching) FRA400C Focal length: 280mm

(After attaching) FRA400C Focal ratio: F3.9

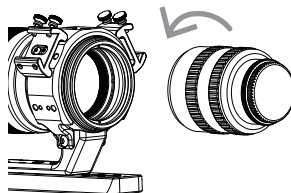
Objective lens: Triplet design

Back Focus: 55mm(from the base of M48 male thread)

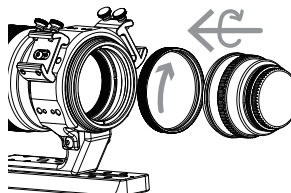
Weight: 0.46kg

Rear-end thread type: M48x0.75 (built-in 2-inch filter adapter)

#### 安装说明 Installation instruction



逆时针旋下四段式拍摄接口  
Unscrew the four-piece photographic adapter counterclockwise



旋下防尘盖后，旋入主镜  
Unscrew the dust cap of the accessory and screw it into the FRA400C