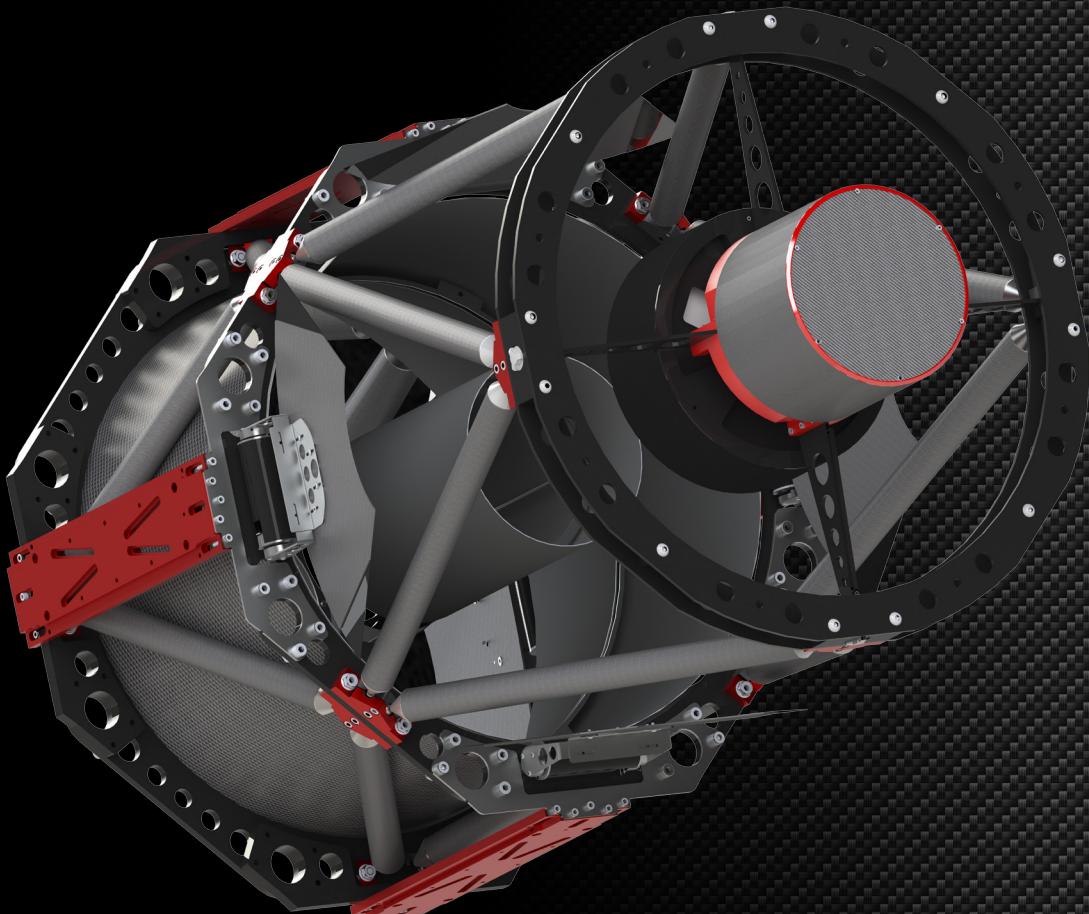


RiFAst series

F/3.8 TELESCOPES FROM 400MM TO 800MM



SPECIFICATIONS:

Optical set:

Officina Stellare proprietary optical scheme

Primary mirror diameter:

from 400 mm to 800mm

Focal ratio:

F/3.8

Focal length:

from 1550 mm to 3040mm

Linear obstruction:

55%

Full corrected and illuminated field:

from 80mm to 100mm

Dimensions:

590 x 590 x 915 mm

Weight:

from 40Kg to 100kg

Back focus length from back plate:

from 170mm to 220mm

RMS polychromatic (410 to 750 nm) spot size:

7.2 micron @ 26 mm off axis

RMS polychromatic (410 to 750 nm) spot size:

8.4 micron @ 40 mm off axis

Standard configuration:

Low expansion glass optical set, carbon/aluminum truss tube design, splitted light baffle, four support dovetails, three ventilation fans and mirrors heaters with manual control, shroud and cap covers. Primary cell detachable for an easy cleaning of mirror. AVAILABLE IN FULL CARBON, ATHERMIC LIGHTWEIGHT TRUSS TUBE.

Optional accessories: 1.5x extender and 0.78x reducer, digital or manual back plate focusers (only for 400mm), rotators, secondary mirror focuser (from 500mm), mirror shutters, OS Bus advanced electronic, customized imaging train parts and more. Available also with Officina Stellare mount.



DISCOVER THE WHOLE SERIES ON: WWW.OFFICINASTELLARE.COM

Officina Stellare S.r.l. | Via della Tecnica, 87/89 | 36030 Sarcedo (VI) - ITALY
info@officinastellare.com | www.officinastellare.com | tel. +39 0445 370540 fax +39 0445 1922009

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RiFAst series

F/3.8 TELESCOPES FROM 400MM TO 800MM



Credits: Mike Selby and Tolga Gumusayak

RiFAst are the new generation astrographers, our **exclusive proprietary optical scheme**, designed from our Master Optician Massimo Riccardi, devoted to astrophotography.

Main features are the three element corrector placed near the focus with two aspherical elements, an incredible stable mechanic to make collimation easier and a complete series of accessories for a complete upgrade. Why place the corrector so close to focus position? Simple: to give the **best result possible in terms of overall correction**, completely absence of chromatic aberration and best RMS spot radius. Optional 1.5x extender and 0.78x reducer are designed to work in a perfect symphony with the integrated three elements corrector, to provide also a better performance.

Collimation is stable as it had ever been before, thanks to a new mechanical design, improved with bigger apertures. Temperature changes will not affect optical stability. Every RiFAst is **tested under the sky in real condition** in our factory before shipping and comes perfectly configured with customer needs and collimated as well.

Secondary mirror is motorized for focusing (optional for 400mm model), leaving the imaging train completely screwed to the backplate, a good solution for heavy cameras and accessories. Is also possible to set up the tip-tilt.

Remote observers can upgrade their RiFAst with primary mirror shutters to avoid moisture deposit on the telescope's mirror when not in use and OS Bus advanced electronic to control every function remotely.

You will never find a better and faster astrographer in this class. It's **also versatile**: equipped with a 0.78x reducer or a 1.5x extender, will expand its functionality. It's not only a telescope, but three in one, all with the **amazing optical performance** promised from Officina Stellare and our Master Optician Massimo Riccardi.

DISCOVER MORE ON: WWW.OFFICINASTELLARE.COM

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