

REFRACTORS

EVOSTAR™ APOCHROMATIC DOUBLET

AN ELEGANT BALANCE OF VALUE AND PERFORMANCE

Apertures up to 150mm

Sky-Watcher's complete line of doublet refractors include 50, 72, 80, 100, 120, and 150mm sizes

Razor Sharp Optics

Sky-Watcher Evostar refractors utilize the finest extra-low dispersion glass available.

This results in the best color correction for an ED doublet lens

Everything Included*

All Evostars 80mm and larger come with dual-speed Crayford-style focusers, right-angle 8x50mm viewfinder, 2-inch dielectric diagonal, two 1.25-inch long eye relief eyepieces, 1.25-inch focuser adaptor, tube ring attachment hardware and foam-lined metal carrying case as standard equipment

50mm Evoguide Guide Scope

Sky-Watcher's award-winning apo optics provide tighter stars for more precise guiding



*Included accessories do not apply to the Evostar 150.

Sky-Watcher®
Be amazed

REFRACTORS



50mm

72mm

80mm

100mm

120mm

150mm

Sky-Watcher Evostar refractors provide the finest images obtainable in their design class. These doublet refractors deliver dramatic, coal-black skies and faithful, contrast-rich views of planetary and deep-space phenomenon that are second to none. Sky-Watcher Evostar refractors are the logical choice for the discriminating amateur astronomer looking for an investment in advanced instrumentation for exceptional viewing and astrophotography.

All Sky-Watcher Evostar refractors 80mm through 120mm come with an 8x50 right angle finderscope, 2-inch dielectric diagonal, dual-speed Crayford-style focuser, tube ring attachment hardware and aluminum case. A complete package for the serious astronomer.

For more information about the Sky-Watcher USA line of ProED Apo refractors, just visit www.skywatcherusa.com.

Model	50mm	72mm	80mm	100mm	120mm	150mm	150mm DX
SKU	S11170	S11180	S11100	S11120	S11130	S11190	S11195
UPC	050234111706	050234111805	050234111003	050234111201	050234111300	050234111904	050234111959
Optical design	Apochromatic refractor						
Focal length	242mm	420mm	600mm	900mm	900mm	1200mm	1200mm
F-ratio	4.8	5.8	7.5	9	7.5	8	8
Lens elements	2						
Lens glass	Matched lens assembly with one ED element						
Focuser	1.25-inch Helical	2-inch 11:1 dual-speed Crayford-style					3.4-inch rack-and-pinion
Eyepieces	NA		5mm and 25mm 1.25-inch			NA	
Finderscope	NA		8x50 right angle, correct image			NA	
Diagonal	NA		99% reflectivity, 2-inch dielectric			NA	
Mount type	Finder stalk	V-style dovetail					D-style dovetail
Tube length (inches)	8.875/10.5 with extender	16.5	23.8	36.2	37.8	50.5	50.5
Outer diameter (inches)	2.2	3.5	4.5625	4.5625	5.625	7.1	7.1
Tube weight (pounds)	1.9	4.3	7.3	8.4	13.9	20.5	22