

Configuration 133

TS1624cASI2600CAAx067

All measures in [mm]



☒ Active

Identifier

TS1624ccASI2600R67T167

Old

TS1624c Carbon / ZWO ASI2600MC AIR Standard configuration with 0.67 Reducer and ZWO CAA

L	Telescope or Camera Lens		TSO RC 203/1624c	
	1609	Focal Length (f-OL)	Type	Telescope
	0,6804	Optical Factor (Reducer/Barlow)	Type Of Build	Ritchey-Chretien Reflector
	1094,8	Resulting Focal Length [mm]	Aperture [mm]	203
			F-Stop	7,9

O	Other Optical Devices and Special Components	M48 0.67 Reducer	Magnification	0,6804
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C	Camera Details	ZWOASI2600	ZWO Optical	ZWOASI2600
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T Configuration Details (Sequence from telescope to camera sensor)

Pos.#	Telescope Tail Component	Optical Length	Weight [g]	Brand
0	TS1624c Tube w/o focuser	0,0	6.100,0	TS Optics
1	M90 TS1624 Crayford Focuser 2"	82,0	700,0	TS-Optics
2	M48 0.67 Reducer	0,0	105,0	TS-Optics
3	M54m-M48f Ring Adapter	0,0	20,0	ZWO Company
4	M54 Extension 7	7,0	25,0	TS-Optics
5	M54 Extension 21	21,0	50,0	ZWO Company
6	M54 ZWO ASI CAA Rotator	16,5	465,0	ZWO Company
7	M54 Extension 5	5,0	22,0	TS-Optics
8	M54 Filter Slider w. Filter	17,5	107,0	TS-Optics
9	M54 Finetuning Ring 0.5mm	0,5	10,0	TS-Optics
10	ASI 2600 MC AIR	17,5	760,0	ZWO Company
Total		Length in mm	167,0	Weight [gr]

V Focus Calculation

254,0	Telescope Backfocus [L]	Virtual Optical Path [Fol - Fbak]	1355,0
167,0	./ . Telescope Tail Length [T]		
46,46	Measured Focuser Pos. [mm]		

E	Focuser and EAF Parameter	M90 TS1624 Crayford (old)
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A Config uses EAF? ☐

F

EAF initial focus settings: add ~ 95 steps per 1.0mm filter thickness (e.g. OLeN is ~ 2mm thick > add 190 steps)

Calculated Optical Parameters

Horizontal FoV [°]	1,23	Pixel Size [µm]	3,76	Dawes Limit	1,4635
Vertical FoV [°]	0,82			OpticalScale [arcs/pixel]	0,7087