

Configuration 095

TS1624FUXT3E100T58

New Label

TS1624FUXT3



Active

All measures in [mm]

Old Label

L Telescope or Camera Lens		TSO RC 203/1624	
1624	Focal Length	Type	Telescope
1366,2	Optical Tube Length	TypeOfBuild	Ritchey-Chretien Reflector
254,0	Backfocus (from back of tube)	LensBrand	TS-Optics
21907	EAF max position	Diameter	203
0,00226	EAF Step Slze [mm/step]	Aperture	8,0

E Telescope Tube Extensions		E100
100	Extension [mm]	

F Fixed Part of Focuser	
91	Fixed Part of Focuser

T Camera Tail Details (Sequence from focuser to camera)				
Optical Length	Pos.#	Camera Tail Component	Brand	
2,26	0	2"/M48 Adapter	Omegon	
7,92	1	M48 Rotator	TS-Optics	
7,50	2	M48/T2 Adapter 7.5	TS-Optics	
18,10	3	T2 Filter Changer	TS-Optics	
8,50	4	T2 Baader Fuji Adapter 8.5	Baader	
14,30	5	Fuji X-T3 Camera	Fujifilm	
58,58	Camera Tail Length [mm]			

O Other Optical Devices and Special Components		Magnification	1
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C Camera Details		FUJXT3	FUJIFILM	FUJXT3
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V Focus Calculation

1624,00	Focal Length [mm]		
1366,16	./ Fixed Tube Length [mm]		
100,00	./ Extension [mm]		
91,00	./ Fixed Length Focuser [mm]		
58,58	./ Camera Tail Length [mm]		
8,26	= Calc. Focuser Pos. [mm]	EAF Optimal Focuser [Steps]	3655

Calculated Picture Parameters

0,83	Horizontal FoV [°]	Dawes Limit	1,4500
0,55	Vertical FoV [°]	OpticalScale [arcs/pixel]	0,4751