

Configuration 071

TS600FUXT3E100T83

New Label

TS600FUXT3



Active

All measures in [mm]

Old Label

Config12

L	Telescope or Camera Lens		TSO APO 90/600	
	<input type="text" value="599"/>	Focal Length	Type	Telescope
	<input type="text" value="284,0"/>	Optical Tube Length	TypeOfBuild	APO Triplet Refractor
	<input type="text" value="241,3"/>	Backfocus (from back of tube)	LensBrand	TS-Optics
	<input type="text" value="28661"/>	EAF max position	Diameter	90
	<input type="text" value="0,00293"/>	EAF Step Slze [mm/step]	Aperture	6,7
E	Telescope Tube Extensions		E100	
	<input type="text" value="100"/>	Extension [mm]		

F	Fixed Part of Focuser			
	<input type="text" value="77,25"/>	Fixed Part of Focuser		

T	Camera Tail Details (Sequence from focuser to camera)			
	Optical Length	Pos.#	Camera Tail Component	Brand
	<input type="text" value="20,60"/>	<input type="text" value="0"/>	M63 WO Rotator	William Optics
	<input type="text" value="6,50"/>	<input type="text" value="1"/>	M63/M48 Adapter	TS-Optics
	<input type="text" value="7,92"/>	<input type="text" value="2"/>	M48 Rotator	TS-Optics
	<input type="text" value="7,50"/>	<input type="text" value="3"/>	M48/T2 Adapter 7.5	TS-Optics
	<input type="text" value="18,10"/>	<input type="text" value="4"/>	T2 Filter Changer	TS-Optics
	<input type="text" value="8,50"/>	<input type="text" value="5"/>	T2 Baader Fuji Adapter 8.5	Baader
	<input type="text" value="14,30"/>	<input type="text" value="6"/>	Fuji X-T3 Camera	Fujifilm
	<input type="text" value="83,42"/>	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			
L	<input type="text" value="599,00"/>	Focal Length [mm]		
L	<input type="text" value="283,96"/>	./ Fixed Tube Length [mm]		
E	<input type="text" value="100,00"/>	./ Extension [mm]		
F	<input type="text" value="77,25"/>	./ Fixed Length Focuser [mm]		
T	<input type="text" value="83,42"/>	./ Camera Tail Length [mm]		

V	<input type="text" value="54,37"/>	= Calc. Focuser Pos. [mm]	EAF Optimal Focuser [Steps]	<input type="text" value="18582"/>
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Calculated Picture Parameters				
	<input type="text" value="2,25"/>	Horizontal FoV [°]	Dawes Limit	<input type="text" value="1,7429"/>
	<input type="text" value="1,49"/>	Vertical FoV [°]	OpticalScale [arcs/pixel]	<input type="text" value="1,2881"/>