

TAKAHASHI

FCT-L Reducer 0.8×

INSTRUCTION MANUAL

Thank you very much for your purchase of the FCT-L Reducer 0.8×. Please read this instruction manual carefully before use to ensure safe and proper operation.

⚠ WARNING

1. Never look directly at the Sun. Concentrated sunlight can cause permanent eye injury or blindness.
2. Do not leave the product in direct sunlight. Unintended concentration of sunlight may cause a fire.



FEATURES

Designed for the FCT-114DF, FCT-114DS, FC-100DZ, and FC-100DF. It maintains uniform star-image quality and ample relative illumination across the field, and provides a 44 mm image circle.

HOW TO USE

Use the separately sold FCT-L CO Ring specified for the optical tube: FCT-L CO Ring 114D for the FCT-114DF, FCT-114DS, and FC-100DZ; FCT-L CO Ring 100DF for the FC-100DF. The rings have different optical path lengths; use the specified ring for optimum correction.

For CMOS cameras, use the M72-M48 CMOS Adapter or M72-M54 CMOS Adapter. Set the distance from the base of the camera-side thread to the image sensor plane to 55 mm.

For interchangeable-lens cameras, use the M72 WR Adapter with the appropriate Camera Mount DX-WR (Canon EF or Nikon F).

A Camera Angle Adjuster M is required. See the system chart for connection details.

SPECIFICATIONS

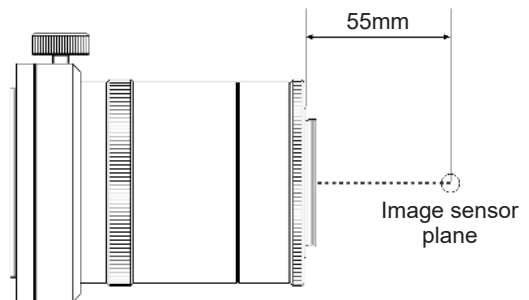
Compatible optical tubes	FCT-114DF, FCT-114DS, FC-100DZ, FC-100DF
Focal length	FCT-114DF: 639 mm (f/5.6) FCT-114DS: 639 mm (f/5.6) FC-100DZ: 636 mm (f/6.4) FC-100DF: 587 mm (f/5.9)
Mounting thread	Objective side: M72 P=1.0 male Camera side: M72 P=1.0 male
Image circle	Ø44 mm
Optical configuration	3 elements in 2 groups
Dimensions	Ø78 × 59.5 mm
Weight	Approx. 560 g

FCT-L CO RING COMPATIBILITY

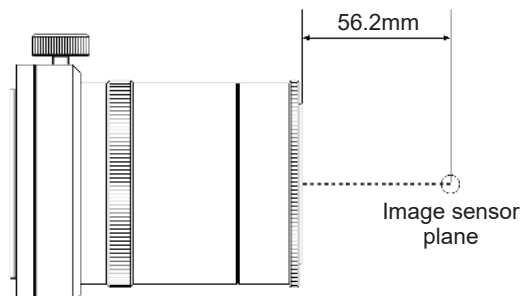
FCT-L CO Ring 114D	FCT-114DF, FCT-114DS, FC-100DZ
FCT-L CO Ring 100DF	FC-100DF

●Backfocus

M72-M48 CMOS Adapter, M72-M54 CMOS Adapter



M72 WR Adapter

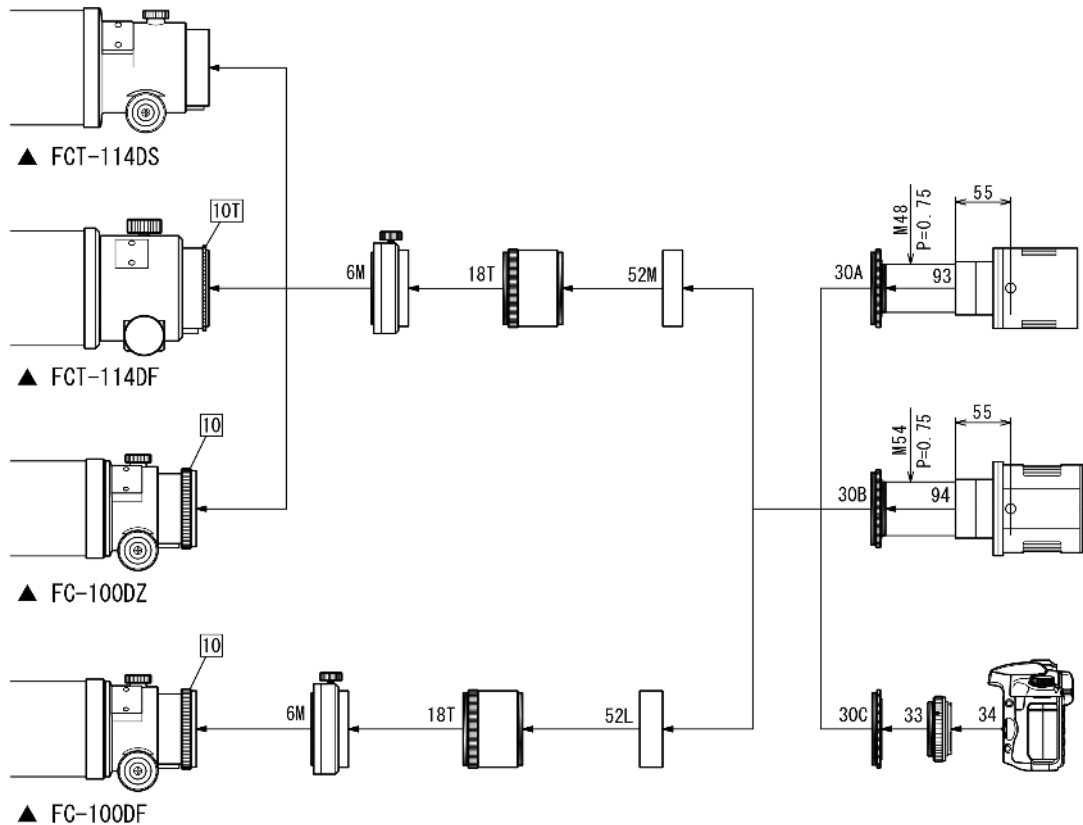


FCT-L Reducer 0.8× System Chart

FCT-114DS , FCT-114DF , FC-100DF , FC-100DF

●Standard Accessories

[10]	F-50.8 AD Ring	[TKP19001]
[10T]	Coupling (FSQ-85EDX)	[TKP37001]



●Optional Accessories

6M	Camera Angle Adjuster M	[TKA23200N]	34	DSLR	
18T	FCT-L Reducer 0.8x	[TKA34580]	52M	FCT-L CO Ring 114D	[TKA34200]
30A	M72-M48 CMOS Adapter	[TKP00200]	52L	FCT-L CO Ring 100DF	[TKA19200]
30B	M72-M54 CMOS Adapter	[TKA00201]	93	CMOS Camera (M48 × 0.75 Female Thread, 55 mm Backfocus Requirement)	
30C	M72 WR Adapter	[TKA00202]	94	CMOS Camera (M54 × 0.75 Female Thread, 55 mm Backfocus Requirement)	
33	Wide T-Mount DX-WR for Canon-EOS	[TKA01251]			
	Wide T-Mount DX-WR for Nikon	[TKA01255]			

* A 48 mm filter can be attached to either the M72-M48 CMOS Adapter <30A> or the Camera Mount DX-WR <33>, and a 52 mm filter can be attached to the M72-M54 CMOS Adapter <30B>. Note that using a filter may cause ghosting and vignetting.

* Camera Angle Adjuster M is compatible with the old CAA (TSA-102).