

Technical drawing of the SFF Optics Camera TDL2071A. The drawing shows the camera body with various dimensions and features. Key dimensions include:

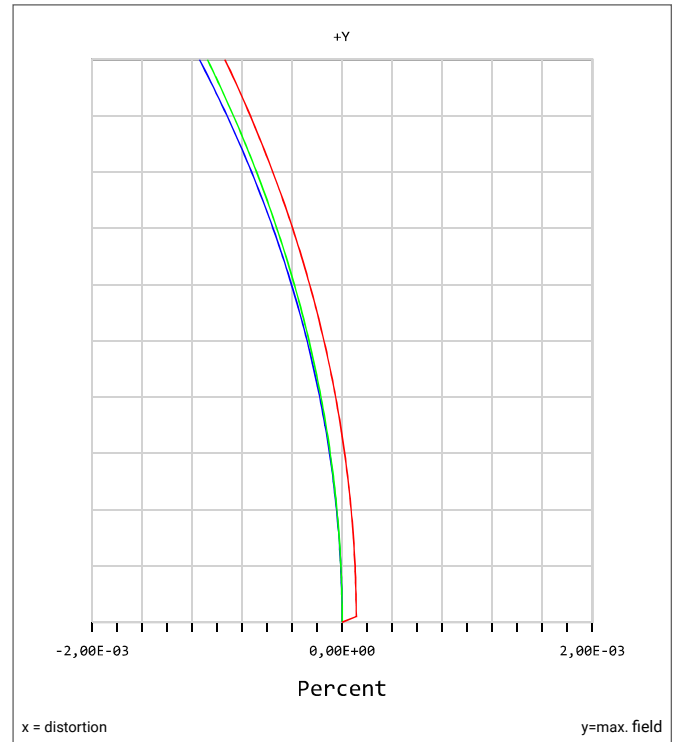
- Overall width: $\varnothing 58$
- Filter thread: M52x0,75 $\nabla 1,7$ (Filter thread)
- Distance from filter thread to front lens: 46
- Front lens diameter: $\varnothing 49_{-0,1}^0$
- Distance from front lens to iris adjustment: 23,3
- Iris adjustment feature
- Distance from iris adjustment to rear lens: 90
- Rear lens diameter: $\varnothing 60_{-0,1}^0$
- Distance from rear lens to CCD: 19,4
- CCD sensor size: 17,53
- Distance from CCD to C-Mount: 4
- C-Mount diameter: $\varnothing 33$
- Distance from C-Mount to rear lens: 22
- Overall length: 199,2
- Weight: W.D. = 81

The camera body is labeled with "SFF Optics Camera TDL2071A" and "SFF Optics". The C-Mount is labeled "C-Mount".

SPECIFICATIONS

article number	S5LPJ7201
wavelength range [nm]	450 - 700
design wavelength [nm]	450 - 700
magnification (+/-5%)	1.00
working distance [mm] (+/-2%)	81.00
object size [mm] at a chip size of [mm]	14.1 x 10.6 14.1 x 10.6 (1.1")
object size [mm] at a chip size of [mm]	15.4 x 11.5 15.4 x 11.5 (1.2")
object size [mm] at a chip size of [mm]	17.1 x 12.9 17.1 x 12.9 (1.25")
max. telecentricity error [°]	0.08
recommended numerical aperture	0.070
max. distortion [%]	< 0.01
weight [kg]	0.75
flange back distance [mm]	17.53
accessory	---

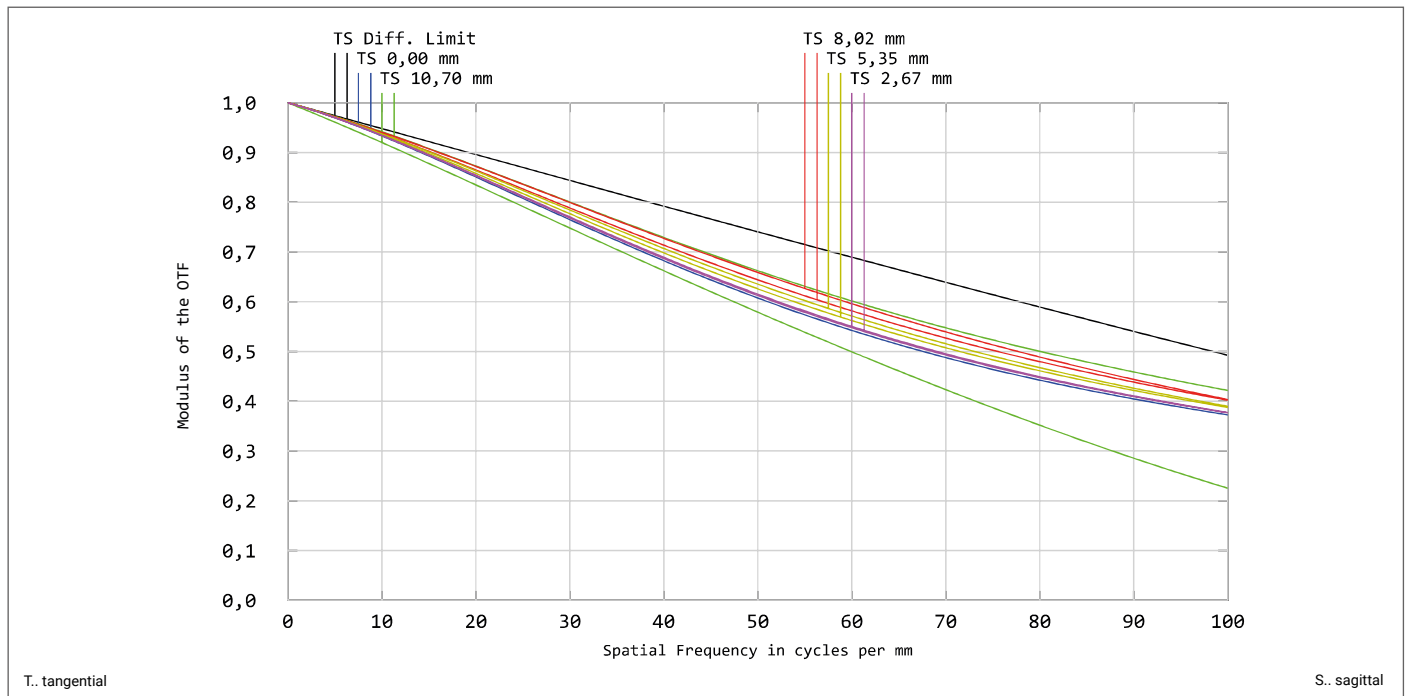
DISTORTION FOR 450 - 700 nm



REMARKS

useable for wavelength band 800-900 nm with working distance 81.6 mm

MTF FOR VARIOUS OBJECT HEIGHTS AT 450 - 700 nm



GRAPHS AND DATA GIVEN BY DESIGN