

MACRO LENS

Art. No. 21520
Barcode 0027075108622

- > Optimised for use with digital cameras
- > Compatible with PENTAX SLR film cameras
- > Magnification to 1:1
- > "Quick Shift Focus System" for quickly switching between AF and MF
- > Corresponds to a focal length of approx. 150mm with the PENTAX digital cameras
- > Built-in focus-clamp mechanism to fix focus at any distance

Standard Accessories

Front Cap Art. No. 31702
Rear Cap Art. No. 31006
Lens hood PH-RBB49 Art. No. 38739
Case S80-120 Art. No. 33924

Application

PENTAX smc-D FA lenses meet the most modern requirements of lens technology. Thusly, they represent an important link between analogue and digital SLR technology. The smc-D FA series lenses are optimised for the requirements of digital recording technology are also equally suitable for PENTAX SLR analogue.

In addition to a superb focusing system, smc-D FA series lenses are equipped with an aperture ring so that the aperture can be set directly on the lens.

Macro lenses within this focal length range are particularly suitable for reproductions and photos of particularly small articles that can be arranged at leisure and with care.



The manufacturer reserves the right to changes in technology, design, equipment and scope of supply without advance notice.
As of January 2005

smc-D FA

100mm / 2.8 Macro



Angle of View

- 24.5°

Construction

- 9 Elements / 8 Groups

Minimum Aperture

- 32

Focusing Range

- 30.3cm to infinity

Magnification

- approx. 1:1 (1x)

Filter Size

- E49

Weight

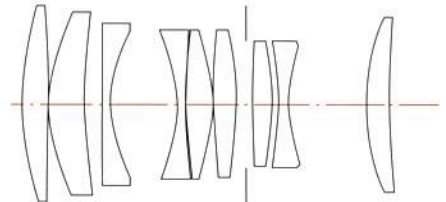
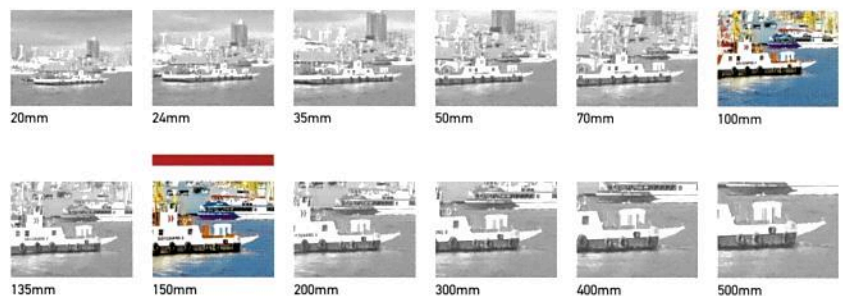
- 345g

Depth of Field Table

F meters	2.8	4	5.6	8	11	16	22	32
0.303	0.303 0.303	0.303 0.303	0.303 0.303	0.302 0.304	0.302 0.304	0.302 0.304	0.301 0.305	0.301 0.305
0.310	0.310 0.310	0.310 0.310	0.310 0.310	0.309 0.311	0.309 0.311	0.309 0.311	0.308 0.312	0.307 0.313
0.330	0.330 0.330	0.330 0.330	0.329 0.331	0.329 0.331	0.329 0.331	0.328 0.332	0.327 0.333	0.326 0.334
0.400	0.399 0.401	0.399 0.401	0.399 0.401	0.398 0.402	0.397 0.403	0.396 0.404	0.394 0.406	0.392 0.409
0.500	0.499 0.501	0.498 0.502	0.497 0.503	0.496 0.504	0.494 0.506	0.492 0.508	0.489 0.512	0.484 0.517
0.700	0.697 0.704	0.695 0.705	0.693 0.707	0.690 0.710	0.687 0.714	0.681 0.721	0.674 0.729	0.663 0.743
1.000	0.992 1.008	0.989 1.012	0.984 1.016	0.977 1.024	0.969 1.033	0.956 1.049	0.941 1.068	0.916 1.103
3.000	2.916 3.089	2.881 3.129	2.836 3.184	2.772 3.271	2.695 3.386	2.577 3.597	2.449 3.889	2.262 4.503
∞	96.330 ∞	67.460 ∞	48.213 ∞	33.777 ∞	24.591 ∞	16.936 ∞	12.343 ∞	8.516 ∞

Angle of View

- Focal length range for digital cameras
- Focal length range for analogue cameras



80.5mm

67.5mm