

## MACRO LENS

Art. No. 21530  
Barcode 0027075108639

- > 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. 75mm with the Pentax digital cameras
- > Built-in focus-clamp mechanism to fix focus at any distance

### Standard Accessories

Front Cap Art. No. 31491  
Rear Cap Art. No. 31006  
Lens hood PH-RBC49 Art. No. 38740  
Case S80-80 Art. No. 33927

### 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 and are also equally suitably for PENTAX 35mm film SLRs.

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

## 50mm / 2.8 Macro



### Angle of View

- 47°

### Construction

- 8 Elements / 7 Groups

### Minimum Aperture

- 32

### Focusing Range

- 19.5cm to infinity

### Magnification

- approx. 1:1 (1x)

### Filter Size

- E49

### Weight

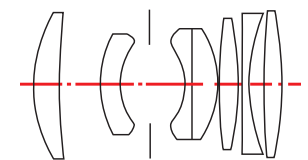
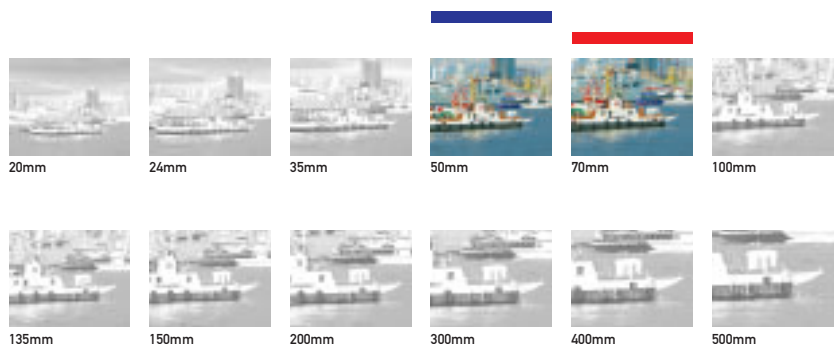
- 265g

### Depth of Field Table

F / meters	2.8	4	5.6	8	11	16	22	32
0.195	0.195 0.195	0.195 0.195	0.195 0.195	0.194 0.196	0.194 0.196	0.194 0.196	0.193 0.197	0.193 0.197
0.200	0.200 0.200	0.200 0.200	0.199 0.201	0.199 0.201	0.199 0.201	0.198 0.202	0.198 0.202	0.197 0.203
0.210	0.210 0.210	0.209 0.211	0.209 0.211	0.209 0.211	0.208 0.212	0.208 0.212	0.207 0.213	0.205 0.215
0.250	0.249 0.251	0.249 0.251	0.248 0.252	0.247 0.253	0.246 0.254	0.245 0.256	0.243 0.258	0.240 0.2611
0.300	0.298 0.302	0.298 0.302	0.297 0.304	0.295 0.305	0.293 0.307	0.291 0.310	0.287 0.314	0.282 0.322
0.500	0.493 0.507	0.490 0.510	0.487 0.514	0.481 0.520	0.475 0.528	0.464 0.543	0.452 0.561	0.434 0.594
1.000	0.968 1.034	0.955 1.050	0.938 1.071	0.914 1.105	0.885 1.151	0.842 1.237	0.796 1.360	0.730 1.634
2.000	1.865 2.156	1.813 2.231	1.748 2.340	1.659 2.525	1.560 2.803	1.420 3.439	1.283 4.738	1.106 13.065
∞	25.580 ∞	17.923 ∞	12.817 ∞	8.989 ∞	6.552 ∞	4.522 ∞	3.303 ∞	2.228 ∞

### Angle of View

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



# PENTAX