

PENTAX Binoculars

DCF SW



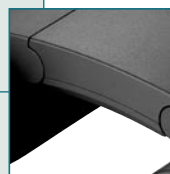
SLIM & WATERPROOF SETS THE BENCHMARK IN ERGONOMICS.

This dual-axis, compact design is popular because it easily fits into your pocket when folded. The DCF SW combines this great feature with top quality lens and prism elements. No compromises in optical performance. What you will find is great clarity and crisp viewing. The modern design ensures good ergonomics for viewing, handling and easy focusing.

- > Waterproof housing (JIS Class 6)
- > Phase correcting coating
- > Rubberised body
- > Twist-up eye cups



Twist-up eye cups.



Clever detail – the dual axis construction makes the DCF SW extremely compact.



For excellent optical results: lenses fully Multi-coated, BaK4-prism, Phase correcting coating.

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MAGNIFICATION

Magnification is the first number you read in the product description. For example: DCF SW 8x25. The 8 indicates that you are bringing the object 8x closer than if viewed only with the naked eye. Generally, by increasing magnification, you reduce the field-of-view. Also, the higher the magnification, the more difficult it is to keep the binocular stable and the image steady. Ideally, a magnification of 10x – or lower – is most suitable for longer periods of observation.

OBJECTIVE LENS

The objective lens is the lens on the front of the binocular. Let us use the example of the DCF SW 8x25 again. The second number in the product description refers to the diameter of the objective lens in mm. A larger diameter will allow more light to enter the binocular. This becomes very important when used under low-light conditions. However, factors such as additional weight, size and expense need to be considered.

EYE RELIEF

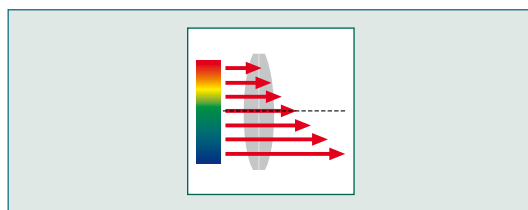
Eye relief is the distance from your eye to the outer lens of the eyepiece (ocular lens) and is specified in millimetres. A higher eye relief results in greater viewing comfort. Ideally, the eye relief for compacts should be in the range of 8 – 14mm (like DCF SW) and for full-size between 15 and 20mm. It is important for spectacle wearers to maintain at least 17mm to enjoy the full field-of-view.

SMC MULTI-LAYER LENS COATING

To improve the overall transmission and resolution, lens-coatings are used to reduce reflection and any loss in contrast. With the use of Super Multi Coated lenses, PENTAX achieves high efficiency, allowing light transmission of up to 98%! The **PENTAX SMC coating** is a complex and sophisticated 7-layer coating that corrects light transmission over the full light spectrum. The patented PENTAX SMC technology is renowned in



the optical industry.



DCF SW		
Magnification	8x	10x
Objective lens diameter	25mm	25mm
Type	Full-size Roof	
Lens Coating	Fully Multi-coated	
Prism	BaK4 with High Resolution Phase correcting coating	
Twilight Factor	14.1	15.8
Field of View (at 1,000 metres)	96m	87m
Close focus	3.0m	3.0m
Exit Pupil	3.1mm	2.5mm
Eye Relief	21mm	20mm
Eyecups	Twist-Up	
Waterproof	Yes (JIS Class 6) – Nitrogen purged	
Tripod adaptor	No	
Size (LxWxH in mm)	110x105x40	110x105x40
Weight (g)	300	300
PENTAX Code No.	62593	62594
Accessories	Eyepiece lens caps, Case, Neck strap	

Code No. 8 x 25 62593
Barcode 0027075136557

Code No. 10 x 25 62594
Barcode 0027075136564

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