

SD 412 –Wide Angle Sunshade, for two filters up to 4.3mm focal length.



New improved material and carbon design of housing.

Clamp-on Sunshade in three versions.

The technical data of the three versions is identical except for the maximum clamp diameters (104 / 110 / 130 mm).

The included Double Filter Stage takes filters up to 5.65x5.65". Both filters slide vertically and can be fixed in any position, the second also rotates 250°.

For optimal use of the picture angle, the filter-stages are equipped with multi format filter-holders for 4x4 and 4x5.65" filters in the first stage and, in the second, rotating multi format filter-holder for 5x5 and 4x5.65" formats. Insert 5x5" filters and fully use the wide angle format in any position of the rotating stage. For even more flexibility when using e.g. graduation filters, insert 5x6" filters in the first stage (filter-holder 510-02).

The connecting diameter of 104 mm and the respective Step-Down Rings fit most lenses. For the further two standard versions with 110 and 130mm clamp-on diameter various Step-down rings are available.

The French Flag is included, Side Wings are optional.

For maximum stray light reduction, sets of mattes for 4:3 and 16:9 formats are available.

Tip:

Check the correct positioning of the side wings when using super wide angle lenses to avoid vignetting.

Technical data:	
Max. wide angle focus length F=mm	S16 6 / S35 10 / still 16 SD 3.9 / HD 4.3
Multi-Format 4:3 and 16:9	S16, S35, SD, HD
Mattes 4:3 for F=mm	4,8/10/20/30/48
Mattes 16:9 for F=mm	4,8/10/20/30/48
Max. filter number / rotating / gear positioned	2 / 1 / -
Filter stage width (mm)	150
Filter size (inch)	4x4/4x5.65h + 5x5/4x5.65h
Connecting diameter (mm)	104 / 110 / 130
Support system:	Clamp adaptor *

* With Center Bracket also usable on 15 mm rod support.

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The Wide-angle SunShade is available with three clamp systems. Select Step-down rings for the respective lens diameters.



The **Center Adaptor** connects the SD 412 with the Light-Weight-Support (not for \varnothing 130 mm).

Components		Article no.
SD 412 SunShade for wide-angle, complete as described above , 104 mm connection		412-02F
SD 412 SunShade for wide-angle, complete , 110mm connection		412-02F110
SD 412 SunShade for wide-angle, complete , 130mm connection		412-02F130
Accessories		
Filter holder 5x6 vertical		510-02
Pivot mechanism for Side Wings (Set of 2)		410-PM116
Pair of Side Wings		410-200
Set of mattes 4:3 (F = 4,8 / 10 / 20 / 30 / 48 mm)		410-MA43
Set of mattes 16:9 (F = 4,8 / 10 / 20 / 30 / 48 mm)		410-MA169
Step Down Ring 104 to 95 mm (fits many video zoom lenses)		411-28F
Step Down Ring 104 to 95 mm (fits many video prime lenses)		411-28
Center Adaptor**		420-02
<i>Please select support according to camera and light protection or step down ring according to lens.</i>		
For information on light protection rings and on the various support systems, see the respective overview pages.		
Spare part selection		
Multi format filter holder 4x4 / 4x5.65 horizontal (recommended)		410-31
Multi format filter holder 5x5 / 4x5.65 horizontal (recommended)		510-01
French Flag 39 cm, foldable		410-29
MatteBox housing		CLWAH-F4.5-01
** for use as supported MatteBox on 15mm Light-Weight-Supports.		