



DLM/C (Dry Lock Micro Type C) Port System Charts

PORT OPTIONS

Some lenses have more than one port option. The first column is always the recommended option for the best compromise of imaging quality, performance, and handling with any given lens.

PRODUCT(S) REQUIRED

Where multiple lines of products are listed for a given option, all products listed are required to make a complete compatible lens port.

The DLM 8" Dome Port # 5516.82 may be substituted with the Modular 8" Dome for FL Systems # 5510.45 + DLM Adapter for Modular 8" Dome # 5516.80 in all instances.

LENSES REFERENCING "+4 DIOPTER REQUIRED"

A +4 diopter is available for purchase through your local camera store, and is commonly sold in a set with +1 and +2 close-up lenses. Common brands include Tiffen and Hoya. Make sure to purchase the correct size for your lens. The thread diameter is usually referenced on the front of the lens in millimeters (\emptyset 58mm, 67mm, etc.). All photos will be out of focus if a +4 diopter is required but not used.

Canon EF Lenses

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
8 mm Rokinon f/3.5 Aspherical Fisheye	<p>AF only.</p> <p><u>Product(s) required:</u> 5516.82 Dome Port</p>		
8-15 mm Canon EF f/4L Fisheye USM	<p>Larger radius dome is best for split shots (half-in, half-out of the water). Zoom not supported. Lens must be used at a fixed focal length. This lens has what's called a "Limit Switch" that keeps the lens from being used wider than 10mm. That is because the lens naturally vignettes below 10mm when used on a APS-C sensor, like that of the Canon EOS Rebel SL-series. This lens can be used at 8mm, but will vignette. This vignetting is caused by the sensor and not the dome/shade. AF only.</p> <p><u>Product(s) required:</u> 5516.82 Dome Port</p>	<p>Zoom not supported. Pre-set lens to a fixed focal length. This lens has what's called a "Limit Switch" that keeps the lens from being used wider than 10mm. That is because the lens naturally vignettes at 10mm and wider. AF only.</p> <p><u>Product(s) required:</u> 5516.15 Dome Port</p>	
10-17 mm Tokina AT-X f/3.5-4.5 DX Fisheye	<p>Larger radius dome is best for split shots (half-in, half-out of the water). Zoom not supported. Lens must be used at a fixed focal length. AF only.</p> <p><u>Product(s) required:</u> 5516.82 Dome Port</p>	<p>The only port option that supports zoom. Slight vignetting (dark shadows in the corners of the image) will occur between 10-12mm. The # 5515.12 Zoom Gear is only compatible with housings above serial number 67740. Older housings must use the # 5509.19 Zoom Gear. AF only.</p> <p><u>Product(s) required:</u> 5516.15 Dome Port 5515.12 Zoom Gear</p>	<p>Compact and lightweight for travel. No vignetting at any focal length. Zoom not supported. Lens must be used at a fixed focal length. AF only.</p> <p><u>Product(s) required:</u> 5516.12 Dome</p>

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
10-18 mm Canon EF-S f/4.5-5.6 IS STM	<p>The only port option that supports zoom. AF only.</p> <p>Product(s) required: 5516.15 Dome Port 5509.20 Zoom Gear</p>	<p>Larger radius dome is best for split shots (half-in, half-out of the water). Zoom not supported. Lens must be used at a fixed focal length. AF only.</p> <p>Product(s) required: 5516.82 Dome Port</p>	
10-22mm Canon EF-S f/3.5-4.5 USM	<p>The only port option that supports zoom. AF only.</p> <p>Product(s) required: 5516.16 Dome Port 5509.31 Zoom Gear</p> <p>Optional accessories: 0923.04 Anti-Reflection Ring</p>	<p>Larger radius dome is best for split shots (half-in, half-out of the water). Zoom not supported. Lens must be used at a fixed focal length. AF only.</p> <p>Product(s) required: 5516.82 Dome Port 5516.65 Extension</p> <p>Optional accessories: 0923.04 Anti-Reflection Ring</p>	
15 mm Sigma f/2.8 EX DG Diagonal Fisheye	<p>Larger radius dome is best for split shots (half-in, half-out of the water). Shade should be removed to reduce vignetting. AF only.</p> <p>Product(s) required: 5516.82 Dome Port</p>	<p>Compact and lightweight for travel. AF only.</p> <p>Product(s) required: 5516.15 Dome Port</p>	
17-70 mm Sigma f/2.8-4 DC Macro OS HSM C	<p>AF only.</p> <p>Product(s) required: 5516.16 Dome Port 5516.65 Extension 5509.28 Zoom Gear</p>		
18-35 mm Sigma f/1.8 DC HSM Art	<p>AF Only.</p> <p>Product(s) required: 5516.15 Dome Port 5516.65 Extension 5509.28 Zoom Gear</p>		

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
18-55 mm Canon EF f/3.5-5.6 IS STM	<p>The only port option that supports zoom. AF only.</p> <p>Product(s) required: 5516.15 Dome Port 5509.19 Zoom Gear</p> <p>Optional accessories: 0923.11 Anti-Reflection Ring</p>	<p>Dedicated macro close-up set up. Zoom not supported. Pre-set lens to 55mm. Port is 67mm threaded for the attachment of external macro lenses. Accepts # 6441.11 Barrier Filter for fluorescence photography. AF only.</p> <p>Product(s) required: 5516.45 Flat Port 5516.65 Extension</p>	
18-55 mm Canon EF f/4-5.6 IS STM	<p>The only port option that supports zoom. The # 5515.11 Zoom Gear is only compatible with housings above serial number 67740. AF only.</p> <p>Product(s) required: 5516.15 Dome Port 5515.11 Zoom Gear</p> <p>Optional accessories: 0923.11 Anti-Reflection Ring</p>	<p>Dedicated macro close-up set up. Zoom not supported. Pre-set lens to 55mm. Port is 67mm threaded for the attachment of external macro lenses. Accepts # 6441.11 Barrier Filter for fluorescence photography. AF only.</p> <p>Product(s) required: 5516.45 Flat Port 5516.65 Extension</p>	
60 mm Canon EF-S f/2.8 Macro USM	<p>AF only.</p> <p>Product(s) required: 5516.50 Flat Port</p>		
100 mm Canon EF-S f/2.8L Macro IS USM	<p>AF only.</p> <p>Product(s) required: 5516.50 Flat Port 5516.70 Extension</p>		
100 mm Canon EF-S f/2.8L Macro IS USM + Canon Extension Tube EF 12 II	<p>AF only.</p> <p>Product(s) required: 5516.50 Flat Port 5516.70 Extension</p>		
100 mm Canon EF f/2.8L Macro USM (non-IS) 100 mm Canon EF f/2.8 Macro (non-USM)	<p>Not supported.</p>		

Nikon Lenses

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
8-15 mm Nikon AF-S f/3.5-4.5E ED Fisheye	<p>Larger radius dome is best for split shots (half-in, half-out of the water). Zoom not supported. Lens must be used at a fixed focal length. This lens naturally vignettes below 10mm when used on a APS-C sensor. This lens can be used at 8mm, but will vignette. This vignetting is caused by the sensor and not the dome/shade. AF only.</p> <p><u>Product(s) required:</u> 5516.82 Dome Port</p>	<p>The only port option that supports zoom. This lens naturally vignettes below 10mm when used on a APS-C sensor. This lens can be used at 8mm, but will vignette. This vignetting is caused by the sensor and not the dome/shade. AF only.</p> <p><u>Product(s) required:</u> 5516.15 Dome Port 5509.31 Zoom Gear</p>	
10-20 mm Nikon AF-P DX f/4.5-5.6G VR	<p>Superior edge sharpness compared to shorter port options. AF only.</p> <p><u>Product(s) required:</u> 5516.16 Dome Port 5515.41 Zoom Gear</p>	<p>A longer port is recommended for better edge sharpness.</p> <p><u>Product(s) required:</u> 5516.15 Dome Port 5515.41 Zoom Gear</p>	
10-24 mm Nikon AF-S DX f/3.5-4.5G ED	<p>AF only.</p> <p><u>Product(s) required:</u> 5516.17 Dome Port 5509.37 Zoom Gear</p>		
16-80 mm Nikon AF-S DX f/2.8-4E ED VR	<p>Not supported.</p>		
16-85 mm Nikon AF-S DX f/3.5-5.6G ED VR	<p>AF only.</p> <p><u>Product(s) required:</u> +4 Diopter Required 5516.15 Dome Port 5516.67 Extension 5509.28 Zoom Gear</p>		
17-70 mm Sigma f/2.8-4 DC Macro OS HSM C	<p><u>Product(s) required:</u> 5516.16 Dome Port 5516.65 Extension 5509.29 Zoom Gear</p>		

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
18-55 mm Nikon AF-P DX f/3.5-5.6G VR	The only port option that supports zoom. AF only. <u>Product(s) required:</u> 5516.17 Dome Port 5515.41 Zoom Sleeve 0923.31 Anti-Reflection Ring	Larger radius dome is best for split shots (half-in, half-out of the water). Zoom not supported. Lens must be used at a fixed focal length. AF only. <u>Product(s) required:</u> 5516.82 Dome Port	
18-70 mm Nikon AF-S DX f/3.5-4.5G ED-IF	The only port option that supports zoom. AF only. <u>Product(s) required:</u> 5516.17 Dome Port 5515.43 Zoom Gear	Zoom not supported. Lens must be used at a fixed focal length. AF only. <u>Product(s) required:</u> 5516.82 Dome Port 5516.65 Extension	
18-105 mm Nikon AF-S DX f/3.5-5.6G ED VR	Not supported.		
60 mm Nikon AF-S f/2.8G ED	AF only. <u>Product(s) required:</u> 5516.45 Flat Port 5516.65 Extension	AF only. <u>Product(s) required:</u> 5516.50 Flat Port 5516.65 Extension	
85 mm Nikon AF-S DX f/3.5G ED VR	AF only. <u>Product(s) required:</u> 5516.45 Flat Port 5516.65 Extension		
100 mm Nikon AF-S f/2.8G IF-ED VR	Not supported.		