



DLM/D Port System Charts for Canon RF Mount

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"

[Why Your Lens May Need a +4 Diopter Underwater](#)

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 (\varnothing 58mm, 67mm, etc.). All photos will be out of focus if a +4 diopter is required but not used.

HELPFUL LINKS

[The Best Lenses for Canon APS-C Cameras Underwater RIGHT NOW!](#)

[Canon Back Button Focus for Underwater Photography](#)

[How to Polish an Acrylic Dome Port](#)

[Dealing with Droplets when Shooting Split Shots](#)

[Why You Need a Fisheye Lens Underwater](#)

[5 Situations Where You Need a Strobe Underwater](#)

Canon RF Lenses

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
8-15 mm Canon EF f/4L Fisheye USM + Canon EF-to-RF Adapter See Review See Installation	The only port option that supports zoom. AF Only. <u>Product(s) required</u> 5516.16 Dome Port 5515.12 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 <u>Optional accessories:</u> 47141 Trim Weight	
10-17 mm Tokina AT-X f/3.5-4.5 DX Fish-eye + Canon EF-to-RF Adapter See Review	AF Only. <u>Product(s) required</u> 5516.15 Dome Port 5515.31 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 <u>Optional accessories:</u> 47141 Trim Weight	
10-18 mm Canon RF-S f/4.5-6.3 IS STM “BEST LENS” See Review See Installation	Can be installed in the housing while attached to the camera body. AF Only. <u>Product(s) required</u> 5516.15 Dome Port 5515.14 Zoom Gear 0923.18 Anti-Reflection Ring	Can be installed in the housing while attached to the camera body. Zoom not supported. Lens must be used at a fixed focal length. AF Only. <u>Product(s) required</u> 5516.82 Dome Port 0923.18 Anti-Reflection Ring <u>Optional accessories:</u> 47141 Trim Weight	Can be installed in the housing while attached to the camera body. Slight vignetting (dark shadows at the corners of the image) will be present. AF Only. <u>Product(s) required</u> 5516.16 Dome Port 5515.14 Zoom Gear 0923.18 Anti-Reflection Ring
10-18 mm Canon EF-S f/4.5-5.6 IS STM + Canon EF-to-RF Adapter	The only port option that supports zoom. Use thickest foam on the zoom clamp. AF Only. <u>Product(s) required</u> 5516.17 Dome Port 5509.31 Zoom Gear 0923.07 Anti-Reflection Ring	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 0923.07 Anti-Reflection Ring <u>Optional accessories:</u> 47141 Trim Weight	

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
10-18 mm Sigma f/2.8 DC DN Contemporary	Use thinnest foam on zoom clamp. AF Only. <u>Product(s) required</u> 5516.16 Dome Port 5509.30 Zoom Gear	Better 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 5516.65 Extension <u>Optional accessories:</u> 47141 Trim Weight	Use thinnest foam on zoom clamp. A longer port (Option 1) is recommended for better edge sharpness. AF Only. <u>Product(s) required</u> 5516.15 Dome Port 5509.30 Zoom Gear
10-20 mm Canon RF f/4L IS STM	This lens is too large in diameter for the DLM port system.		
10-22 mm Canon EF-S f/3.5-4.5 + Canon EF-to-RF Adapter	Superior edge sharpness compared to shorter port options. Use without foam on zoom clamp. AF Only. <u>Product(s) required</u> 5516.16 Dome Port 5516.65 Extension 5509.27 Zoom Gear 0923.09 Anti-Reflection Ring	A longer port is recommended for better edge sharpness. Use without foam on zoom clamp. AF Only. <u>Product(s) required</u> 5516.15 Dome Port 5516.65 Extension 5509.27 Zoom Gear 0923.09 Anti-Reflection Ring	
14-35 mm Canon RF f/4L IS USM See Review See Installation	AF Only. <u>Product(s) required</u> 5516.17 Dome Port 5515.19 Zoom Gear 0923.14 Anti-Reflection Ring	Zoom not supported. Lens must be used at a fixed focal length. AF Only. <u>Product(s) required</u> 5516.82 Dome Port 5516.67 Extension 0923.14 Anti-Reflection Ring <u>Optional accessories:</u> 47141 Trim Weight	
15-30 mm Canon RF f/4.5-6.3 IS STM <u>"BEST LENS"</u> See Review See Installation	AF Only. <u>Product(s) required</u> 5516.17 Dome Port 5509.31 Zoom Gear 0923.15 Anti-Reflection Ring		

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
15-35 mm Canon RF f/2.8L	This lens is too large in diameter for the DLM port system.		
16 mm Canon RF f/2.8 STM	AF Only. <u>Product(s) required</u> 5516.11 Dome Port		
16-28 mm Canon RF f/2.8 IS STM	AF Only. <u>Product(s) required</u> 5516.16 Dome Port 5516.65 Extension 5515.33 Zoom Gear 0923.22 Anti-Reflection Ring	Better 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 5516.70 Extension 0923.22 Anti-Reflection Ring <u>Optional accessories:</u> 47141 Trim Weight	A longer port (Option 1) is recommended for better edge sharpness. AF Only. <u>Product(s) required</u> 5516.15 Dome Port 5516.65 Extension 5515.33 Zoom Gear 0923.22 Anti-Reflection Ring
16-35 mm Canon EF f/2.8 II + Canon EF-to-RF Adapter	Zoom not supported. Lens must be used at a fixed focal length. Attach extension to the housing body before attaching lens and dome. AF Only. <u>Product(s) required</u> 5516.82 Dome Port 5516.70 Extension 0923.04 Anti-Reflection Ring <u>Optional accessories:</u> 47141 Trim Weight		
16-35 mm Canon EF f/2.8 III + Canon EF-to-RF Adapter	Zoom not supported. Lens must be used at a fixed focal length. Attach extension to the housing body before attaching lens and dome. AF Only. <u>Product(s) required</u> 5516.82 Dome Port 5516.70 Extension 0923.05 Anti-Reflection Ring <u>Optional accessories:</u> 47141 Trim Weight		

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
17-40 mm Canon EF f/4L USM + Canon EF-to-RF Adapter	<p>AF Only.</p> <p><u>Product(s) required</u></p> <p>5516.17 Dome Port 5516.65 Extension 5509.28 Zoom Gear 0923.02 Anti-Reflection Ring</p>		
18-35 mm Sigma f/1.8 DC HSM Art	<p>AF Only.</p> <p><u>Product(s) required</u></p> <p>5516.17 Dome Port 5516.69 Extension 5515.62 Zoom Gear</p>		
18-45 mm Canon RF-S f/4.5-6.3 IS STM <u>"BEST LENS"</u> See Review See Installation	<p>Can be installed in the housing while attached to the camera body. AF Only.</p> <p><u>Product(s) required</u></p> <p>5516.15 Dome Port 5515.14 Zoom Gear 0923.16 Anti-Reflection Ring</p>	<p>Can be installed in the housing while attached to the camera body. AF Only.</p> <p><u>Product(s) required</u></p> <p>5516.16 Dome Port 5515.14 Zoom Gear 0923.16 Anti-Reflection Ring</p>	
18-50 mm Sigma f/2.8 DC DN Contemporary	<p>Must install camera body in the housing before attaching the lens. AF Only.</p> <p><u>Product(s) required</u></p> <p>5516.17 Dome Port 5516.65 Extension 5509.30 Zoom Gear</p>	<p>Must install camera body in the housing before attaching the lens. Better 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></p> <p>5516.82 Dome Port 5516.69 Extension</p> <p><u>Optional accessories:</u></p> <p>47141 Trim Weight</p>	<p>Must install camera body in the housing before attaching the lens. A longer port (Option 1) is recommended for better edge sharpness. AF Only.</p> <p><u>Product(s) required</u></p> <p>5516.15 Dome Port 5509.30 Zoom Gear</p>

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
18-150 mm Canon RF-S f/3.5-6.3 IS STM <u>"BEST LENS"</u> See Review See Video Review See Installation	Can be installed in the housing while attached to the camera body. Superior edge sharpness compared to shorter port options. AF Only. <u>Product(s) required</u> +4 Diopter Required 5516.16 Dome Port 5516.65 Extension 5515.16 Zoom Gear 0923.17 Anti-Reflection Ring	Can be installed in the housing while attached to the camera body. A longer port is recommended for better edge sharpness. AF Only. <u>Product(s) required</u> +4 Diopter Required 5516.15 Dome Port 5516.65 Extension 5515.16 Zoom Gear 0923.17 Anti-Reflection Ring	Can be installed in the housing while attached to the camera body. Zoom not supported. Lens must be used at a fixed focal length. AF Only. <u>Product(s) required</u> +4 Diopter Required 5516.82 Dome Port 5516.65 Extension 5515.16 Zoom Gear 0923.17 Anti-Reflection Ring <u>Optional accessories:</u> 47141 Trim Weight
24 mm Canon RF f/1.8 Macro IS STM	AF Only. <u>Product(s) required</u> 5516.12 Dome Port	AF Only. <u>Product(s) required</u> 5516.82 Dome Port <u>Optional accessories:</u> 47141 Trim Weight	
24-50 mm Canon RF f/4.5-6.3 IS STM	Superior edge sharpness compared to shorter port options. AF Only. <u>Product(s) required</u> 5516.17 Dome Port 5515.25 Zoom Gear	A longer port is recommended for better edge sharpness. AF Only. <u>Product(s) required</u> 5516.16 Dome Port 5515.25 Zoom Gear	A longer port is recommended for better edge sharpness. AF Only. <u>Product(s) required</u> 5516.15 Dome Port 5515.25 Zoom Gear
35 mm Canon RF f/1.8 IS STM Macro	Flat port provides a magnification effect underwater. AF only. <u>Product(s) required:</u> 5516.50 Flat Port	Wider field of view underwater. AF only. <u>Product(s) required:</u> 5516.15 Dome Port	Wider field of view underwater. AF only. <u>Product(s) required:</u> 5516.82 Dome Port
60 mm Canon EF-S f/2.8 Macro USM + Canon EF-to-RF Adapter	AF Only. <u>Product(s) required</u> 5516.45 Flat Port 5516.65 Extension		

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
85 mm Canon RF Macro <u>"BEST LENS"</u> See Review See Installation	AF Only. <u>Product(s) required</u> 5516.50 Flat Port 5516.65 Extension		
100 mm Canon RF Macro IS USM <u>"BEST LENS"</u> See Review See Video Taken with Lens See Installation	AF Only. <u>Product(s) required</u> 5516.51 Flat Port 5516.70 Extension	AF Only. <u>Product(s) required</u> 5516.50 Flat Port (2) 5516.65 Extension	
100 mm Canon EF f/2.8L Macro IS USM + Canon EF-to-RF Adapter	AF Only. <u>Product(s) required</u> 5516.51 Flat Port 5516.70 Extension	AF Only. <u>Product(s) required</u> 5516.50 Flat Port (2) 5516.65 Extension	