



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 DIOPTRER 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 (\emptyset 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
<p>7-14 mm Canon RF F2.8-3.5 L Fisheye STM</p> <p>See Review See Installation</p> <p><i>Front or Rear Loading</i></p>	<p>The only port option that supports zoom. AF Only.</p> <p>Product(s) required</p> <p>5516.16 Dome Port 5509.62 Zoom Gear</p>	<p>Superior edge sharpness compared to Option 3. Zoom not supported. Lens must be used at a fixed focal length. AF Only.</p> <p>Product(s) required</p> <p>5516.82 Dome Port 5516.65 Extension</p> <p>Optional accessories:</p> <p>47141 Trim Weight</p>	<p>Zoom not supported. Lens must be used at a fixed focal length. AF Only.</p> <p>Product(s) required</p> <p>5516.82 Dome Port</p> <p>Optional accessories:</p> <p>47141 Trim Weight</p>
<p>8-15 mm Canon EF f/4L Fisheye USM + Canon EF-to-RF Adapter</p> <p>See Review See Installation</p> <p><i>Front Loading</i></p>	<p>The only port option that supports zoom. AF Only.</p> <p>Product(s) required</p> <p>5516.16 Dome Port 5515.12 Zoom Gear</p>	<p>Zoom not supported. Lens must be used at a fixed focal length. AF Only.</p> <p>Product(s) required</p> <p>5516.82 Dome Port</p> <p>Optional accessories:</p> <p>47141 Trim Weight</p>	
<p>10-17 mm Tokina AT-X f/3.5-4.5 DX Fish-eye + Canon EF-to-RF Adapter</p> <p>See Review</p> <p><i>Front or Rear Loading</i></p>	<p>AF Only.</p> <p>Product(s) required</p> <p>5516.15 Dome Port 5515.31 Zoom Gear</p>	<p>Zoom not supported. Lens must be used at a fixed focal length. AF Only.</p> <p>Product(s) required</p> <p>5516.82 Dome Port 5516.65 Extension</p> <p>Optional accessories:</p> <p>47141 Trim Weight</p>	
<p>10-18 mm Canon RF-S f/4.5-6.3 IS STM</p> <p>“BEST LENS”</p> <p>See Review See Installation</p> <p><i>Front or Rear Loading</i></p>	<p>Can be installed in the housing while attached to the camera body. Zoom gear 5515.18 replaces 5515.14 for improved operation. AF Only.</p> <p>Product(s) required</p> <p>5516.15 Dome Port 5515.18 Zoom Gear 0923.18 Anti-Reflection Ring</p>	<p>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.</p> <p>Product(s) required</p> <p>5516.82 Dome Port 0923.18 Anti-Reflection Ring</p> <p>Optional accessories:</p> <p>47141 Trim Weight</p>	<p>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.</p> <p>Product(s) required</p> <p>5516.16 Dome Port 5515.18 Zoom Gear 0923.18 Anti-Reflection Ring</p>

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
10-18 mm Canon EF-S f/4.5-5.6 IS STM + Canon EF-to-RF Adapter <i>Front Loading</i>	<p>The only port option that supports zoom. Use thickest foam on the zoom clamp. AF Only.</p> <p>Product(s) required</p> <p>5516.17 Dome Port 5509.31 Zoom Gear 0923.07 Anti-Reflection Ring</p>	<p>Zoom not supported. Lens must be used at a fixed focal length. AF Only.</p> <p>Product(s) required</p> <p>5516.82 Dome Port 5516.65 Extension 0923.07 Anti-Reflection Ring</p> <p>Optional accessories:</p> <p>47141 Trim Weight</p>	
10-18 mm Sigma f/2.8 DC DN Contemporary <i>Front Loading</i>	<p>Use thinnest foam on zoom clamp. AF Only.</p> <p>Product(s) required</p> <p>5516.16 Dome Port 5509.30 Zoom Gear</p>	<p>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>Product(s) required</p> <p>5516.82 Dome Port 5516.65 Extension</p> <p>Optional accessories:</p> <p>47141 Trim Weight</p>	<p>Use thinnest foam on zoom clamp. A longer port (Option 1) is recommended for better edge sharpness. AF Only.</p> <p>Product(s) required</p> <p>5516.15 Dome Port 5509.30 Zoom Gear</p>
10-20 mm Canon RF f/4L IS STM	<p>This lens is too large in diameter for the DLM port system.</p>		
10-22 mm Canon EF-S f/3.5-4.5 + Canon EF-to-RF Adapter <i>Front Loading</i>	<p>Superior edge sharpness compared to shorter port options. Use without foam on zoom clamp. AF Only.</p> <p>Product(s) required</p> <p>5516.16 Dome Port 5516.65 Extension 5509.27 Zoom Gear 0923.09 Anti-Reflection Ring</p>	<p>A longer port is recommended for better edge sharpness. Use without foam on zoom clamp. AF Only.</p> <p>Product(s) required</p> <p>5516.15 Dome Port 5516.65 Extension 5509.27 Zoom Gear 0923.09 Anti-Reflection Ring</p>	
11-20 mm Tamron f/2.8 Di III-A RXD <i>Front Loading</i>	<p>Superior edge sharpness compared to shorter port options. Use with thinnest foam on zoom clamp. AF Only.</p> <p>Product(s) required</p> <p>5516.17 Dome Port 5509.31 Zoom Gear</p>	<p>A longer port is recommended for better edge sharpness. Use with thinnest foam on zoom clamp. AF Only.</p> <p>Product(s) required</p> <p>5516.16 Dome Port 5509.31 Zoom Gear</p>	

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
14 mm Canon RF f/1.4 L VCM <i>Front or Rear Loading</i>	Aperture ring must be preset to "A" prior to installation. Superior edge sharpness compared to shorter port options. AF Only. <u>Product(s) required</u> 5516.15 Dome Port 5516.65 Extension	Aperture ring must be preset to "A" prior to installation. AF Only. <u>Product(s) required</u> 5516.82 Dome Port 5516.70 Extension <u>Optional accessories:</u> 47141 Trim Weight	Aperture ring must be preset to "A" prior to installation. Shortest port option possible to accommodate length of the lens. A longer port is recommended for better edge sharpness. Use without foam on zoom clamp. AF Only. <u>Product(s) required</u> 5516.17 Dome Port
14-35 mm Canon RF f/4L IS USM See Review See Installation <i>Front Loading</i>	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 "BEST LENS" See Review See Installation <i>Front Loading</i>	AF Only. <u>Product(s) required</u> 5516.17 Dome Port 5509.31 Zoom Gear 0923.15 Anti-Reflection Ring		
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 <i>Front or Rear Loading</i>	AF Only. <u>Product(s) required</u> 5516.11 Dome Port		

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
16-28 mm Canon RF f/2.8 IS STM <i>Front Loading</i>	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 <i>Front Loading</i>	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 <i>Front Loading</i>	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		
17-40 mm Canon EF f/4L USM + Canon EF-to-RF Adapter <i>Front Loading</i>	AF Only. <u>Product(s) required</u> 5516.17 Dome Port 5516.65 Extension 5509.28 Zoom Gear 0923.02 Anti-Reflection Ring		

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
18-35 mm Sigma f/1.8 DC HSM Art <i>Front Loading</i>	AF Only. <u>Product(s) required</u> 5516.17 Dome Port 5516.69 Extension 5515.62 Zoom Gear		
18-45 mm Canon RF-S f/4.5-6.3 IS STM <u>"BEST LENS"</u> See Review See Installation <i>Front or Rear Loading</i>	Can be installed in the housing while attached to the camera body. Zoom gear 5515.18 replaces 5515.14 for improved operation. AF Only. <u>Product(s) required</u> 5516.15 Dome Port 5515.18 Zoom Gear 0923.16 Anti-Reflection Ring	Can be installed in the housing while attached to the camera body. Zoom gear 5515.18 replaces 5515.14 for improved operation. AF Only. <u>Product(s) required</u> 5516.16 Dome Port 5515.18 Zoom Gear 0923.16 Anti-Reflection Ring	
18-50 mm Sigma f/2.8 DC DN Contemporary <i>Front Loading</i>	Must install camera body in the housing before attaching the lens. AF Only. <u>Product(s) required</u> 5516.17 Dome Port 5509.30 Zoom Gear	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. <u>Product(s) required</u> 5516.82 Dome Port 5516.69 Extension <u>Optional accessories:</u> 47141 Trim Weight	Must install camera body in the housing before attaching the lens. 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
18-150 mm Canon RF-S f/3.5-6.3 IS STM <u>"BEST LENS"</u> See Review See Video Review See Installation See More Photos <i>Front or Rear Loading</i>	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 5515.17 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 5515.17 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 5515.17 Zoom Gear 0923.17 Anti-Reflection Ring <u>Optional accessories:</u> 47141 Trim Weight

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
24 mm Canon RF f/1.8 Macro IS STM <i>Front or Rear Loading</i>	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 <i>Front or Rear Loading</i>	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 <i>Front or Rear Loading</i>	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 <i>Front or Rear Loading</i>	AF Only. <u>Product(s) required</u> 5516.45 Flat Port 5516.65 Extension		
85 mm Canon RF Macro <u>"BEST LENS"</u> See Review See Installation <i>Front Loading</i>	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 See More Photos <i>Front Loading</i>	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	

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
100 mm Canon EF f/2.8L Macro IS USM + Canon EF-to-RF Adapter <i>Front Loading</i>	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	