# 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 (ø 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**<br>See Review<br>See Installation | The only port option that supports zoom. AF Only.<br>**Product(s) required**<br>**5516.16** Dome Port<br>**5515.12** Zoom Gear | Zoom not supported. Lens must be used at a fixed focal length. AF Only.<br>**Product(s) required**<br>**5516.82** Dome Port<br>**Optional accessories:**<br>**47141** Trim Weight | |
| **10-17 mm Tokina AT-X f/3.5-4.5 DX Fish-eye + Canon EF-to-RF Adapter**<br>See Review | AF Only.<br>**Product(s) required**<br>**5516.15** Dome Port<br>**5515.31** Zoom Gear | Zoom not supported. Lens must be used at a fixed focal length. AF Only.<br>**Product(s) required**<br>**5516.82** Dome Port<br>**5516.65** Extension<br>**Optional accessories:**<br>**47141** Trim Weight | |
| **10-18 mm Canon RF-S f/4.5-6.3 IS STM**<br><br>**"BEST LENS"**<br><br>See Review<br>See Installation | Can be installed in the housing while attached to the camera body. AF Only.<br>**Product(s) required**<br>**5516.15** Dome Port<br>**5515.14** Zoom Gear<br>**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.<br>**Product(s) required**<br>**5516.82** Dome Port<br>**0923.18** Anti-Reflection Ring<br>**Optional accessories:**<br>**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.<br>**Product(s) required**<br>**5516.16** Dome Port<br>**5515.14** Zoom Gear<br>**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.<br>**Product(s) required**<br>**5516.17** Dome Port<br>**5509.31** Zoom Gear<br>**0923.07** Anti-Reflection Ring | Zoom not supported. Lens must be used at a fixed focal length. AF Only.<br>**Product(s) required**<br>**5516.82** Dome Port<br>**5516.65** Extension<br>**0923.07** Anti-Reflection Ring<br>**Optional accessories:**<br>**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.<br><br>**Product(s) required**<br>**5516.16** Dome Port<br>**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.<br><br>**Product(s) required**<br>**5516.82** Dome Port<br>**5516.65** Extension<br><br>**Optional accessories:**<br>**47141** Trim Weight | Use thinnest foam on zoom clamp. A longer port (Option 1) is recommended for better edge sharpness. AF Only.<br><br>**Product(s) required**<br>**5516.15** Dome Port<br>**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.<br><br>**Product(s) required**<br>**5516.16** Dome Port<br>**5516.65** Extension<br>**5509.27** Zoom Gear<br>**0923.09** Anti-Reflection Ring | A longer port is recommended for better edge sharpness. Use without foam on zoom clamp. AF Only.<br><br>**Product(s) required**<br>**5516.15** Dome Port<br>**5516.65** Extension<br>**5509.27** Zoom Gear<br>**0923.09** Anti-Reflection Ring | |
| **14-35 mm Canon RF f/4L IS USM**<br>See Review<br>See Installation | AF Only.<br><br>**Product(s) required**<br>**5516.17** Dome Port<br>**5515.19** Zoom Gear<br>**0923.14** Anti-Reflection Ring | Zoom not supported. Lens must be used at a fixed focal length. AF Only.<br><br>**Product(s) required**<br>**5516.82** Dome Port<br>**5516.67** Extension<br>**0923.14** Anti-Reflection Ring<br><br>**Optional accessories:**<br>**47141** Trim Weight | |
| **15-30 mm Canon RF f/4.5-6.3 IS STM**<br><br>**"BEST LENS"**<br><br>See Review<br>See Installation | AF Only.<br><br>**Product(s) required**<br>**5516.17** Dome Port<br>**5509.31** Zoom Gear<br>**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.<br>**Product(s) required**<br>**5516.11** Dome Port | | |
| **16-28 mm Canon RF f/2.8 IS STM** | AF Only.<br>**Product(s) required**<br>**5516.16** Dome Port<br>**5516.65** Extension<br>**5515.33** Zoom Gear<br>**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.<br>**Product(s) required**<br>**5516.82** Dome Port<br>**5516.70** Extension<br>**0923.22** Anti-Reflection Ring<br><br>**Optional accessories:**<br>**47141** Trim Weight | A longer port (Option 1) is recommended for better edge sharpness. AF Only.<br>**Product(s) required**<br>**5516.15** Dome Port<br>**5516.65** Extension<br>**5515.33** Zoom Gear<br>**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.<br>**Product(s) required**<br>**5516.82** Dome Port<br>**5516.70** Extension<br>**0923.04** Anti-Reflection Ring<br><br>**Optional accessories:**<br>**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.<br>**Product(s) required**<br>**5516.82** Dome Port<br>**5516.70** Extension<br>**0923.05** Anti-Reflection Ring<br><br>**Optional accessories:**<br>**47141** Trim Weight | | |

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

| | OPTION 1 (Recommended) | OPTION 2 | OPTION 3 |
|---|---|---|---|
| **18-150 mm Canon RF-S f/3.5-6.3 IS STM**<br><br>**"BEST LENS"**<br><br>See Review<br>See Video Review<br>See Installation | Can be installed in the housing while attached to the camera body. Superior edge sharpness compared to shorter port options. AF Only.<br><br>**Product(s) required**<br>**+4 Diopter Required**<br>**5516.16** Dome Port<br>**5516.65** Extension<br>**5515.17** Zoom Gear<br>**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.<br><br>**Product(s) required**<br>**+4 Diopter Required**<br>**5516.15** Dome Port<br>**5516.65** Extension<br>**5515.17** Zoom Gear<br>**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.<br><br>**Product(s) required**<br>**+4 Diopter Required**<br>**5516.82** Dome Port<br>**5516.65** Extension<br>**5515.17** Zoom Gear<br>**0923.17** Anti-Reflection Ring<br><br>**Optional accessories:**<br>**47141** Trim Weight |
| **24 mm Canon RF f/1.8 Macro IS STM** | AF Only.<br><br>**Product(s) required**<br>**5516.12** Dome Port | AF Only.<br><br>**Product(s) required**<br>**5516.82** Dome Port<br><br>**Optional accessories:**<br>**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.<br><br>**Product(s) required**<br>**5516.17** Dome Port<br>**5515.25** Zoom Gear | A longer port is recommended for better edge sharpness. AF Only.<br><br>**Product(s) required**<br>**5516.16** Dome Port<br>**5515.25** Zoom Gear | A longer port is recommended for better edge sharpness. AF Only.<br><br>**Product(s) required**<br>**5516.15** Dome Port<br>**5515.25** Zoom Gear |
| **35 mm Canon RF f/1.8 IS STM Macro** | Flat port provides a magnification effect underwater. AF only.<br><br>**Product(s) required:**<br>**5516.50** Flat Port | Wider field of view underwater. AF only.<br><br>**Product(s) required:**<br>**5516.15** Dome Port | Wider field of view underwater. AF only.<br><br>**Product(s) required:**<br>**5516.82** Dome Port |
| **60 mm Canon EF-S f/2.8 Macro USM + Canon EF-to-RF Adapter** | AF Only.<br><br>**Product(s) required**<br>**5516.45** Flat Port<br>**5516.65** Extension | | |

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