



DLM/E Port System Charts for Sony

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

[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](#)

Sony E-Mount Lenses

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
8-15 mm Canon EF f/4L Fisheye USM + Metabones Adapter	<p>The only port option that supports zoom. Use zoom clamp with thinnest set of foam strips. AF Only.</p> <p><u>Product(s) required</u></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><u>Product(s) required</u></p> <p>5516.82 Dome Port 5516.65 Extension</p>	
10-17 mm Tokina AT-X f/3.5-4.5 DX Fish-eye + Metabones Adapter	<p>Use zoom clamp without foam strips. AF Only.</p> <p><u>Product(s) required</u></p> <p>5516.15 Dome Port 5509.30 Zoom Gear</p>	<p>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 5516.65 Extension</p> <p><u>Optional accessories:</u></p> <p>47141 Trim Weight</p>	<p>Zoom not supported. Lens must be used at a fixed focal length. AF Only.</p> <p><u>Product(s) required</u></p> <p>5516.11 Dome Port 5516.65 Extension</p>
10-18 mm Sigma f/2.8 DC DN	<p>We have not had the opportunity to evaluate this lens.</p>		
10-20 mm Sony E f/4 PZ G	<p>Larger radius dome is best for split shots (half-in, half-out of the water). Better edge sharpness compared to smaller diameter dome. Zoom possible by custom assigning zoom function to the directional pad buttons. AF Only.</p> <p><u>Product(s) required</u></p> <p>5516.82 Dome Port</p> <p><u>Optional accessories:</u></p> <p>47141 Trim Weight</p>	<p>Compact and lightweight for travel. Zoom possible by custom assigning zoom function to the directional pad buttons. AF Only.</p> <p><u>Product(s) required</u></p> <p>5516.12 Dome Port</p>	
11 mm Sony f/1.8	<p>Compact for travel. AF Only.</p> <p><u>Product(s) required</u></p> <p>5516.11 Dome Port</p>	<p>Larger radius dome is best for split shots (half-in, half-out of the water). AF Only.</p> <p><u>Product(s) required</u></p> <p>5516.82 Dome Port</p>	

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
14 mm Sony FE f/1.8 GM	<p>Only compatible with housings serial # 80123 and higher. 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>		
16 mm Sony E f/2.8 Pancake	<p>Compact and lightweight for travel. Longer zoom port provides better corner sharpness compared to 5516.11. AF Only.</p> <p>Product(s) required</p> <p>5516.12 Dome Port</p>	<p>Larger radius dome is best for split shots (half-in, half-out of the water). AF Only.</p> <p>Product(s) required</p> <p>5516.82 Dome Port</p>	<p>Compact and lightweight for travel. AF Only.</p> <p>Product(s) required</p> <p>5516.11 Dome Port</p>
16-35 mm Sony FE f/4 PZ	<p>Longer zoom port provides better corner sharpness compared to 5516.16 or 5516.15. AF Only.</p> <p>Product(s) required</p> <p>5516.17 Dome Port 0923.76 Anti-Reflection Ring</p> <p>Optional accessories:</p> <p>5515.45 Zoom Gear**</p> <p>** Zoom without optional zoom gear by custom assigning zoom function to the directional pad buttons.</p>	<p>AF Only.</p> <p>Product(s) required</p> <p>5516.16 Dome Port 0923.76 Anti-Reflection Ring</p> <p>Optional accessories:</p> <p>5515.45 Zoom Gear**</p> <p>** Zoom without optional zoom gear by custom assigning zoom function to the directional pad buttons.</p>	<p>AF Only.</p> <p>Product(s) required</p> <p>5516.15 Dome Port 0923.76 Anti-Reflection Ring</p> <p>Optional accessories:</p> <p>5515.45 Zoom Gear**</p> <p>** Zoom without optional zoom gear by custom assigning zoom function to the directional pad buttons.</p>
16-35 mm Sony f/4 Vario-Tessar T* ZA OSS	<p>Use zoom clamp without foam strips. AF Only.</p> <p>Product(s) required</p> <p>5516.17 Dome Port 5509.31 Zoom Gear 0923.72 Anti-Reflection Ring</p>		

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
16-50 mm Sony E f/3.5-5.6 PZ OSS	<p>AF Only.</p> <p><u>Product(s) required</u></p> <p>5516.16 Dome Port 0923.73 Anti-Reflection Ring</p> <p><u>Optional accessories:</u></p> <p>5515.29 Zoom Gear**</p> <p>** Zoom without optional zoom gear by custom assigning zoom function to the directional pad buttons.</p>	<p>AF Only.</p> <p><u>Product(s) required</u></p> <p>5516.15 Dome Port 0923.73 Anti-Reflection Ring</p> <p><u>Optional accessories:</u></p> <p>5515.29 Zoom Gear**</p> <p>** Zoom without optional zoom gear by custom assigning zoom function to the directional pad buttons.</p>	
16-55 mm Sony E f/2.8 G	Information not yet available.		
17-50 mm Tamron f/4 Di III VXD	<p>AF Only.</p> <p><u>Product(s) required</u></p> <p>5516.17 Dome Port 5516.65 Extension 5509.28 Zoom Gear</p>		
18-50 mm Sigma DC DN Contemporary	<p>Dome port and lens must be removed before removing camera body from the housing. 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
18-105 mm Sony f/4 G OSS E PZ SELP18105G	<p>Compact and lightweight for travel. Diopter required for focusing behind a dome underwater, but prevents focusing at infinity above the surface. AF only.</p> <p>Product(s) required: +4 Diopter Required 5516.12 Dome Port** 5516.70 Extension</p> <p>** Zoom by custom assigning zoom function to the directional pad buttons.</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. Diopter required for focusing behind a dome underwater, but prevents focusing at infinity above the surface. AF only.</p> <p>Product(s) required: +4 Diopter Required 5516.82 Dome Port** 5516.70 Extension</p> <p>Optional accessories: 47141 Trim Weight 5516.67 Extension</p> <p>** Zoom by custom assigning zoom function to the directional pad buttons.</p>	<p>Compact and lightweight for travel. Diopter required for focusing behind a dome underwater, but prevents focusing at infinity above the surface. AF only.</p> <p>Product(s) required: +4 Diopter Required 5516.11 Dome Port** 5516.65 Extension 5516.67 Extension</p> <p>** Zoom by custom assigning zoom function to the directional pad buttons.</p>
18-135 mm Sony E f/3.5-5.6 OSS	Information not yet available.		
28-60 mm Sony FE f/4-5.6	<p>Longer zoom port provides better corner sharpness compared to 5516.16 or 5516.15. AF Only.</p> <p>Product(s) required 5516.17 Dome Port 5515.49 Zoom Gear 0923.77 Anti-Reflection Ring</p>	<p>AF Only.</p> <p>Product(s) required 5516.16 Dome Port 5515.49 Zoom Gear 0923.77 Anti-Reflection Ring</p>	<p>AF Only.</p> <p>Product(s) required 5516.15 Dome Port 5515.49 Zoom Gear 0923.77 Anti-Reflection Ring</p>
50 mm Sony FE f/2.8 Macro	<p>AF Only.</p> <p>Product(s) required 5516.45 Flat Port 5516.65 Extension</p>	<p>AF Only.</p> <p>Product(s) required 5516.50 Flat Port 5516.65 Extension</p>	<p>AF Only.</p> <p>Product(s) required 5516.51 Flat Port 5516.65 Extension</p>
90 mm Sony FE f/2.8 Macro G OSS See Review	<p>AF Only.</p> <p>Product(s) required 5516.51 Flat Port 5516.67 Extension</p>	<p>AF Only.</p> <p>Product(s) required 5516.50 Flat Port 5516.69 Extension</p>	

