



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 (ø 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 See Results	<p>The only port option that supports zoom. Use zoom clamp with thinnest set of foam strips. 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 5516.65 Extension</p>	
10 mm Venus Optics Laowa f/2.8 Zero-D FF See Installation See First Impressions See Results	<p>Lens shade must be removed. 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>Edges will be softer compared to longer port options. AF Only.</p> <p>Product(s) required:</p> <p>5516.82 Dome Port</p> <p>Optional accessories:</p> <p>47141 Trim Weight</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>Product(s) required</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>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>5516.11 Dome Port 5516.65 Extension</p>
10-18 mm Sigma f/2.8 DC DN	<p>AF Only.</p> <p>Product(s) required</p> <p>5516.15 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>	

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
10-20 mm Sony E f/4 PZ G See Installation See Results	<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 with cameras that support power zoom by custom assigning zoom function to the directional pad buttons. Must be used at a fixed focal length with a6600 and other cameras that do not support power zoom (PZ). AF Only.</p> <p>Product(s) required</p> <p>5516.82 Dome Port</p> <p>Optional accessories:</p> <p>47141 Trim Weight</p>	<p>Compact and lightweight for travel. Zoom possible with cameras that support power zoom by custom assigning zoom function to the directional pad buttons. Must be used at a fixed focal length with a6600 and other cameras that do not support power zoom (PZ). AF Only.</p> <p>Product(s) required</p> <p>5516.12 Dome Port</p>	
11 mm Sony f/1.8	<p>Compact for travel. AF Only.</p> <p>Product(s) required</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>Product(s) required</p> <p>5516.82 Dome Port</p>	
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 FE f/1.8 G	<p>Longer zoom port provides better corner sharpness compared to Option 3. AF Only.</p> <p>Product(s) required</p> <p>5516.15 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 5516.65 Extension</p>	<p>Zoom not supported. Lens must be used at a fixed focal length. AF Only.</p> <p>Product(s) required</p> <p>5516.11 Dome Port 5516.65 Extension</p>

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
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>
16-25 mm Sony FE f/2.8 G	<p>Longer zoom port provides better corner sharpness compared to 5516.16. AF Only.</p> <p>Product(s) required</p> <p>5516.17 Dome Port 5509.31 Zoom Gear 0923.78 Anti-Reflection Ring</p>	<p>AF Only.</p> <p>Product(s) required</p> <p>5516.16 Dome Port 5509.31 Zoom Gear 0923.78 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 5516.69 Extension 0923.78 Anti-Reflection Ring</p> <p>Optional accessories:</p> <p>47141 Trim Weight</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>** Zooming without the zoom gear is possible with cameras that support power zoom by custom assigning zoom function to the directional pad buttons. Zoom gear required for a6600 and other cameras that do not support power zoom (PZ).</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>** Zooming without the zoom gear is possible with cameras that support power zoom by custom assigning zoom function to the directional pad buttons. Zoom gear required for a6600 and other cameras that do not support power zoom (PZ).</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>** Zooming without the zoom gear is possible with cameras that support power zoom by custom assigning zoom function to the directional pad buttons. Zoom gear required for a6600 and other cameras that do not support power zoom (PZ).</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 See Installation	AF Only. <u>Product(s) required</u> 5516.16 Dome Port 0923.73 Anti-Reflection Ring <u>Optional accessories:</u> 5515.29 Zoom Gear** ** Zooming without the zoom gear is possible with cameras that support power zoom by custom assigning zoom function to the directional pad buttons . Zoom gear required for a6600 and other cameras that do not support power zoom (PZ).	AF Only. <u>Product(s) required</u> 5516.15 Dome Port 0923.73 Anti-Reflection Ring <u>Optional accessories:</u> 5515.29 Zoom Gear** ** Zooming without the zoom gear is possible with cameras that support power zoom by custom assigning zoom function to the directional pad buttons . Zoom gear required for a6600 and other cameras that do not support power zoom (PZ).	
16-55 mm Sony E f/2.8 G	Information not yet available.		
17-28 mm Tamron f/2.8 Di III RXD	Thinnest foam strips on zoom clamp. AF Only. <u>Product(s) required</u> 5516.16 Dome Port 5516.65 Extension 5509.28 Zoom Gear	Thinnest foam strips on zoom clamp. AF Only. <u>Product(s) required</u> 5516.15 Dome Port 5516.65 Extension 5509.28 Zoom Gear	
17-50 mm Tamron f/4 Di III VXD	AF Only. <u>Product(s) required</u> 5516.17 Dome Port 5516.65 Extension 5509.28 Zoom Gear		
18-50 mm Sigma DC DN Contemporary	Dome port and lens must be removed before removing camera body from the housing. AF Only. <u>Product(s) required</u> 5516.15 Dome Port 5509.30 Zoom Gear		

	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. Zoom possible with cameras that support power zoom by custom assigning zoom function to the directional pad buttons. Must be used at a fixed focal length with a6600 and other cameras that do not support power zoom (PZ). AF Only.</p> <p>Product(s) required: +4 Diopter Required 5516.12 Dome Port** 5516.70 Extension</p>	<p>Larger radius dome is best for split shots (half-in, half-out of the water). Diopter required for focusing behind a dome underwater, but prevents focusing at infinity above the surface. Zoom possible with cameras that support power zoom by custom assigning zoom function to the directional pad buttons. Must be used at a fixed focal length with a6600 and other cameras that do not support power zoom (PZ). 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>[Recommended for a6600]</p> <p>Compact and lightweight for travel. Diopter required for focusing behind a dome underwater, but prevents focusing at infinity above the surface. This is the only option that allows zoom operation with the a6600 and other cameras that do not support power zoom (PZ). AF only.</p> <p>Product(s) required: +4 Diopter Required 5516.17 Dome Port** 5516.65 Extension 5509.28 Zoom Gear</p>
18-135 mm Sony E f/3.5-5.6 OSS	Information not yet available.		
24 mm Tamron f/2.8 Di III OSD	<p>AF Only.</p> <p>Product(s) required 5516.12 Dome Port</p>	<p>AF Only.</p> <p>Product(s) required 5516.82 Dome Port</p> <p>Optional accessories: 47141 Trim Weight</p>	<p>AF Only.</p> <p>Product(s) required 5516.11 Dome Port</p>
24-50 mm Sony f/2.8 G	<p>AF only.</p> <p>Product(s) required: 5516.16 Dome Port 5516.65 Extension 5509.28 Zoom Gear</p>		

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
28-60 mm Sony FE f/4-5.6	Longer zoom port provides better corner sharpness compared to 5516.16 or 5516.15. AF Only. <u>Product(s) required</u> 5516.17 Dome Port 5515.49 Zoom Gear 0923.77 Anti-Reflection Ring	AF Only. <u>Product(s) required</u> 5516.16 Dome Port 5515.49 Zoom Gear 0923.77 Anti-Reflection Ring	AF Only. <u>Product(s) required</u> 5516.15 Dome Port 5515.49 Zoom Gear 0923.77 Anti-Reflection Ring
50 mm Sony FE f/2.8 Macro	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	AF Only. <u>Product(s) required</u> 5516.51 Flat Port 5516.65 Extension
90 mm Sony FE f/2.8 Macro G OSS See Review See Results	AF Only. <u>Product(s) required</u> 5516.51 Flat Port 5516.67 Extension	AF Only. <u>Product(s) required</u> 5516.50 Flat Port 5516.69 Extension	
90 mm Tamron f/2.8 Di III VXD	AF only. <u>Product(s) required:</u> 5516.50 Flat Port 5516.65 Extension	AF only. <u>Product(s) required:</u> 5516.51 Flat Port 5516.67 Extension	
105 mm Sigma f/2.8 DG DN Macro Art	AF only. <u>Product(s) required:</u> 5516.50 Flat Port 5516.69 Extension		