



DLM/A Port System Charts for Olympus & Panasonic Lenses

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 (\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](#)

[Using a Trim Weight System for Balance and Stability Underwater](#)

Olympus & Panasonic Lenses

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
7-14 mm f/2.8 Olympus ED PRO	<p>AF only.</p> <p>Product(s) required: 5516.17 Dome Port 5509.20 Zoom Gear</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. AF only.</p> <p>Product(s) required: 5516.82 Dome Port 5516.67 Extension</p> <p>Optional accessories: 47141 Trim Weight</p>	<p>Minimal vignetting is present at 7mm with dome ports produced before July 2018. AF only.</p> <p>Product(s) required: 5516.15 Dome Port 5516.65 Extension 5509.28 Zoom Gear</p>
7-14 mm f/4 Panasonic Lumix G Vario ASPH H-F007014	<p>The only port option that supports zoom. AF only.</p> <p>Product(s) required: 5516.16 Dome Port 5515.20 Zoom Gear</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. AF only.</p> <p>Product(s) required: 5516.82 Dome Port</p> <p>Optional accessories: 47141 Trim Weight</p>	
8 mm f/1.8 Olympus M.Zuiko Fisheye Pro	<p>Larger radius dome is best for split shots (half-in, half-out of the water). No vignetting. AF only.</p> <p>Product(s) required: 5516.82 Dome Port</p> <p>Optional accessories: 47141 Trim Weight</p>	<p>Slight vignetting (dark shadows around the edges of the image) will be present. AF only.</p> <p>Product(s) required: 5516.11 Dome Port 5516.65 Extension</p>	

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
8 mm f/3.5 Panasonic Lumix G Fisheye H-F008	<p>No vignetting. AF only.</p> <p>Product(s) required: 5516.11 Dome Port</p>	<p>Larger radius dome is best for split shots (half-in, half-out of the water). Dome shade must be removed. Slight vignetting (dark shadows in the corners of the image) will be present. AF only.</p> <p>Product(s) required: 5516.82 Dome Port</p> <p>Optional accessories: 47141 Trim Weight</p>	
8-18 mm f/2.8-4.0 Panasonic Leica DG Vario-Elmarit ASPH	<p>The only port option that supports zoom. AF only.</p> <p>Product(s) required: 5516.17 Dome Port 5509.30 Zoom Gear 0923.52 Anti-Reflection Ring</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. AF only.</p> <p>Product(s) required: 5516.82 Dome Port 5516.65 Extension 0923.52 Anti-Reflection Ring</p> <p>Optional accessories: 47141 Trim Weight</p>	
9 mm f/1.7 Panasonic Leica DG Summilux ASPH	<p>Larger radius dome is best for split shots (half-in, half-out of the water). Vignetting (dark shadows around the edges of the image) will be present. Shade should be removed to reduce vignetting. AF only.</p> <p>Product(s) required: 5516.82 Dome Port</p> <p>Optional accessories: 47141 Trim Weight</p>	<p>Vignetting (dark shadows around the edges of the image) will be present. AF only.</p> <p>Product(s) required: 5516.11 Dome Port</p>	

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
9-18 mm f/4.0-5.6 Olympus M.Zuiko ED	<p>Zoom supported. AF only.</p> <p>Product(s) required: 5516.17 Dome Port 5515.01 Zoom Gear 0923.53 Anti-Reflection Ring</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. AF only.</p> <p>Product(s) required: 5516.82 Dome Port 0923.53 Anti-Reflection Ring</p> <p>Optional accessories: 47141 Trim Weight</p>	<p>Zoom supported. AF only.</p> <p>Product(s) required: 5516.16 Dome Port 5515.01 Zoom Gear 0923.53 Anti-Reflection Ring</p>
12 mm f/2 Olympus M.Zuiko Digital ED	<p>Best for close focus wide angle and most compact for travel. AF only.</p> <p>Product(s) required: 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: 5516.82 Dome Port</p> <p>Optional accessories: 47141 Trim Weight</p>	<p>AF only.</p> <p>Product(s) required: 5516.15 Dome Port</p>
12 mm f/1.4 Panasonic Lumix ASPH	<p>Recommendation not available</p>		
12-32 mm f/3.5-5.6 Panasonic Lumix G Vario HD H-FS12032K	<p>The only port option that supports zoom. AF only.</p> <p>Product(s) required: 5516.15 Dome Port 5515.01 Zoom Gear</p>	<p>Allows the attachment of 67mm threaded wide angle or macro lenses. Lens must be used at 32mm to eliminate vignetting. Zoom not supported. Lens must be used at a fixed focal length. AF only.</p> <p>Product(s) required: 5516.45 Flat Port</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. AF only.</p> <p>Product(s) required: 5516.82 Dome Port</p> <p>Optional accessories: 47141 Trim Weight</p>

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
12-35 mm Panasonic f/2.8 ASPH Power OIS H-HS12035 12-35 mm Panasonic f/2.8 II ASPH Power OIS H-HSA12035	<p>The only port option that supports zoom (or focus). Zoom gear may alternatively be used to manually focus.</p> <p>Product(s) required:</p> <p>5516.15 Dome Port 5516.65 Extension 5509.27 Zoom Gear 0923.51 Anti-Reflection Ring</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. AF only.</p> <p>Product(s) required:</p> <p>5516.82 Dome Port 5516.65 Extension 0923.51 Anti-Reflection Ring</p> <p>Optional accessories:</p> <p>47141 Trim Weight</p>	
12-40 mm f/2.8 Olympus M.Zuiko ED Pro	<p>Compared to a shorter port, this option puts the lens element closer to the center of the dome sphere for improved sharpness. AF only.</p> <p>Product(s) required:</p> <p>5516.16 Dome Port 5516.65 Extension 5509.28 Zoom Gear</p>	<p>AF only.</p> <p>Product(s) required:</p> <p>5516.15 Dome Port 5516.65 Extension 5509.28 Zoom Gear</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. 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>
12-45 mm f/4 Olympus M.Zuiko Digital ED Pro	<p>Compared to a shorter port, this option puts the lens element closer to the center of the dome sphere for improved sharpness. AF only.</p> <p>Product(s) required:</p> <p>5516.17 Dome Port 5515.42 Zoom Gear</p>	<p>AF only.</p> <p>Product(s) required:</p> <p>5516.16 Dome Port 5515.42 Zoom Gear</p>	<p>AF only.</p> <p>Product(s) required:</p> <p>5516.15 Dome Port 5515.42 Zoom Gear</p>

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
12-50 mm f/3.5-6.3 Olympus M.Zuiko Digital ED EZ	<p>The only port option that supports zoom. Switch lens to "M-ZOOM" prior to installation. No access to L-Fn or Macro buttons. AF only.</p> <p>Product(s) required:</p> <p>5516.15 Dome Port 5515.02 Zoom Gear</p>	<p>The magnifying effect of a flat port is good for macro photography. The front of the port is 67mm threaded. Lens must be used at 50mm to eliminate vignetting. Zoom not supported. Lens must be used at a fixed focal length. AF only.</p> <p>Product(s) required:</p> <p>5516.50 Flat Port 5516.65 Extension</p>	
12-60 mm f/2.8-4.0 Panasonic Leica DG Vario-Elmarit ASPH Power OIS	<p>The only port option that supports zoom. AF only.</p> <p>Product(s) required:</p> <p>5516.17 Dome Port 5515.28 Zoom Gear</p>	<p>The magnifying effect of a flat port is good for macro photography. The front of the port is 67mm threaded. Lens must be used between 35-60mm to eliminate vignetting. Zoom not supported. Lens must be used at a fixed focal length. AF only.</p> <p>Product(s) required:</p> <p>5516.45 Flat Port 5516.70 Extension</p>	<p>Larger radius dome is best for split shots (half-in, half-out of the water). No vignetting. 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>
12-60 mm f/3.5-5.6 Panasonic ASPH Power OIS	<p>The only port option that supports zoom. Zoom gear may alternatively be used to manually focus.</p> <p>Product(s) required:</p> <p>5516.17 Dome Port 5515.28 Zoom Gear</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. 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
12-100 mm f/4.0 Olympus M.Zuiko Digital ED IS Pro	<p>The magnifying effect of a flat port is good for macro photography. The front of the port is 67mm threaded. Lens must be used between 65-100mm to eliminate vignetting. Zoom not supported. Lens must be used at a fixed focal length. No access to L-Fn button or IS switch. AF only.</p> <p>Product(s) required:</p> <p>5516.50 Flat Port 5516.65 Extension 5516.70 Extension</p>		
14 mm f/2.5 Panasonic ASPH II H-H014AK	Recommendation not available		
14-42 mm f/3.5-5.6 Olympus M.Zuiko ED	<p>The only port option that supports zoom. Autofocus only.</p> <p>Product(s) required:</p> <p>5516.15 Dome Port 5515.03 Zoom Gear</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. AF only.</p> <p>Product(s) required:</p> <p>5516.82 Dome Port</p> <p>Optional accessories:</p> <p>47141 Trim Weight</p>	
14-42 mm f/3.5-5.6 Olympus M.Zuiko ED EZ	<p>The only port option that supports zoom. Autofocus only.</p> <p>Product(s) required:</p> <p>5516.15 Dome Port 5515.04 Zoom Gear</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. AF only.</p> <p>Product(s) required:</p> <p>5516.82 Dome Port</p> <p>Optional accessories:</p> <p>47141 Trim Weight</p>	

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
14-42 mm f/3.5-5.6 Olympus M.Zuiko ED II (R)	<p>The only port option that supports zoom. Autofocus only.</p> <p>Product(s) required: 5516.15 Dome Port 5515.01 Zoom Gear</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. AF only.</p> <p>Product(s) required: 5516.82 Dome Port</p> <p>Optional accessories: 47141 Trim Weight</p>	
14-42 mm f/3.5-5.6 Olympus M.Zuiko ED II (R) + Olympus Fisheye Converter FCON-P01	<p>The only port option that supports zoom. Maximum telephoto is 37mm without making contact with the inside of the dome. AF only.</p> <p>Product(s) required: 5516.15 Dome Port 5516.65 Extension 5515.01 Zoom Gear</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. AF only.</p> <p>Product(s) required: 5516.82 Dome Port 5516.65 Extension</p> <p>Optional accessories: 47141 Trim Weight</p>	
14-42 mm f/3.5-5.6 Panasonic H-FS014042	<p>Zoom gear not available. Lens must be used at a fixed focal length. AF only.</p> <p>Product(s) required: 5516.15 Dome Port</p>		
14-42 mm f/3.5-5.6 II Panasonic ASPH Mega OIS H-FS1442A	<p>The only port option that supports zoom. AF only.</p> <p>Product(s) required: 5516.15 Dome Port 5515.21 Zoom Gear</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. AF only.</p> <p>Product(s) required: 5516.82 Dome Port</p> <p>Optional accessories: 47141 Trim Weight</p>	<p>The magnifying effect of a flat port is good for macro photography. The front of the port is 67mm threaded. Lens must be used between 21-42mm to eliminate vignetting. Zoom not supported. Lens must be used at a fixed focal length. AF only.</p> <p>Product(s) required: 5516.45 Flat Port</p>
14-42 mm Panasonic f/3.5-5.6 ASPH POWER OIS H-PS14042S	<p>Port recommendation not available for this lens.</p>		

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
14-45 mm f/3.5-5.6 Panasonic ASPH Mega OIS H-FS014045	AF only. <u>Product(s) required:</u> 5516.15 Dome Port 5515.22 Zoom Gear		
14-140 mm Panasonic f/3.5-5.6 ASPH H-FS14140 14-140 mm Panasonic f/4.0-5.8 ASPH H-VS014140	Lens not recommended for underwater use due to extended zoom range.		
14-150 mm f/4.0-5.6 Olympus M.Zuiko ED II	Lens not recommended for underwater use due to extended zoom range.		
15 mm Panasonic f/1.7 ASPH H-X015 15 mm Panasonic f/1.7 ASPH H-X015K	Port recommendation not available for this lens.		
17 mm Olympus f/1.8	AF only. <u>Product(s) required:</u> 5516.11 Dome Port	Larger radius dome is best for split shots (half-in, half-out of the water). AF only. <u>Product(s) required:</u> 5516.82 Dome Port <u>Optional accessories:</u> 47141 Trim Weight	
19 mm Sigma f/2.8 EX DN	AF only. <u>Product(s) required:</u> 5516.11 Dome Port		
20 mm Panasonic f/1.7 II ASPH H-H020A	AF only. <u>Product(s) required:</u> 5516.11 Dome Port	Larger radius dome is best for split shots (half-in, half-out of the water). AF only. <u>Product(s) required:</u> 5516.82 Dome Port <u>Optional accessories:</u> 47141 Trim Weight	The magnifying effect of a flat port is good for macro photography. The front of the port is 67mm threaded. AF only. <u>Product(s) required:</u> 5516.45 Flat Port

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
24 mm Samyang f/2.8 AF FE	Dome shade must be removed to eliminate vignetting. AF or MF. Manual focus requires optional focus gear. <u>Product(s) required:</u> 5516.15 Dome Port <u>Optional accessories:</u> 5515.42 Focus Gear		
25 mm Olympus f/1.8	AF only. <u>Product(s) required:</u> 5516.11 Dome Port	Larger radius dome is best for split shots (half-in, half-out of the water). AF only. <u>Product(s) required:</u> 5516.82 Dome Port <u>Optional accessories:</u> 47141 Trim Weight	The magnifying effect of a flat port is good for macro photography. The front of the port is 67mm threaded. AF only. <u>Product(s) required:</u> 5516.45 Flat Port
25 mm Panasonic f/1.4 ASPH H-X025	The front of the port is 67mm threaded. AF only. <u>Product(s) required:</u> 5516.45 Flat Port		
30 mm f/3.5 Olympus M.Zuiko Digital ED Macro	The magnifying effect of a flat port is good for macro photography. The front of the port is 67mm threaded. AF only. <u>Product(s) required:</u> 5516.45 Flat Port	The magnifying effect of a flat port is good for macro photography. The front of the port is 67mm threaded. AF only. <u>Product(s) required:</u> 5516.50 Flat Port	AF or MF. Manual focus requires optional focus gear. <u>Product(s) required:</u> 5516.15 Dome Port <u>Optional accessories:</u> 5515.02 Focus Gear
30 mm f/2.8 Panasonic Macro ASPH Mega OIS H-HS030	The magnifying effect of a flat port is good for macro photography. The front of the port is 67mm threaded. AF only. <u>Product(s) required:</u> 5516.45 Flat Port		
40-150 mm f/4.0-5.6 Olympus M.Zuiko ED R	Lens not recommended for underwater use due to extended zoom range.		

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
45 mm Olympus f/1.8	<p>The magnifying effect of a flat port is good for macro photography. The front of the port is 67mm threaded. AF only.</p> <p><u>Product(s) required:</u> 5516.45 Flat Port</p>		
45 mm f/2.8 Panasonic ASPH Mega OIS H-ES045	<p>The magnifying effect of a flat port is good for macro photography. The front of the port is 67mm threaded. AF only.</p> <p><u>Product(s) required:</u> 5516.45 Flat Port</p>	<p>The magnifying effect of a flat port is good for macro photography. The front of the port is 67mm threaded. AF only.</p> <p><u>Product(s) required:</u> 5516.50 Flat Port</p>	
45-150 mm Panasonic H-FS45150K 45-175 mm Panasonic f/4.0-5.6 ASPH H-PS45175K 45-200 mm Panasonic f/4.0-5.6 H-FS045200	Lens not recommended for use underwater due to range.		
60 mm f/2.8 Olympus M.Zuiko Macro ED	<p>The magnifying effect of a flat port is good for macro photography. The front of the port is 67mm threaded and accepts 3.0" diameter filters. AF only.</p> <p><u>Product(s) required:</u> 5516.45 Flat Port 5516.65 Extension</p>	<p>The magnifying effect of a flat port is good for macro photography. The front of the port is 67mm threaded. AF only.</p> <p><u>Product(s) required:</u> 5516.50 Flat Port 5516.65 Extension</p>	
75 mm f/1.8 Olympus M.Zuiko	Lens not recommended for underwater use due to minimum focus distance of 33.07" (0.84 m).		
75-300 mm f/4.8-6.7 Olympus M.Zuiko ED II	Lens not recommended for underwater use due to range and minimum focus distance of 35.43" (0.90 m).		

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
90 mm f/3.5 OM System M.Zuiko ED Macro IS Pro	<p>The magnifying effect of a flat port is good for macro photography. The front of the port is 67mm threaded. AF only.</p> <p>Product(s) required:</p> <p>5516.51 Flat Port 5516.70 Extension</p>	<p>The magnifying effect of a flat port is good for macro photography. The front of the port is 67mm threaded. AF only.</p> <p>Product(s) required:</p> <p>5516.50 Flat Port (2) 5516.65 Extensions</p>	
100-300 mm Panasonic f/4.0-5.6 H-FS100300	Lens not recommended for use underwater due to range.		