



DLM/B (Dry Lock Micro Type B) Port System Charts

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"

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.

Olympus & Panasonic Micro 4/3 Lenses

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
7-14 mm f/2.8 Olympus ED Pro	The only port option that supports zoom. AF only. Product(s) required: 5516.16 Dome Port 5515.09 Zoom Gear	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. Product(s) required: 5516.82 Dome Port	
7-14 mm f/4 Panasonic Lumix G Vario ASPH	The only port option that supports zoom. Some vignetting will be present at 7mm. AF only. Product(s) required: 5516.15 Dome Port 5515.24 Zoom Gear	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. Product(s) required: 5516.82 Dome Port	
8 mm f/1.8 Olympus M.Zuiko Fisheye Pro	Larger radius dome is best for split shots (half-in, half-out of the water). No vignetting. AF only. Product(s) required: 5516.82 Dome Port	Vignetting (dark shadows around the edges of the image) will be present. Vignetting can be reduced by removing the dome shade. AF only. Product(s) required: 5516.12 Dome Port	
8 mm f/3.5 Panasonic Lumix G Fisheye	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. Product(s) required: 5516.82 Dome Port	Vignetting (dark shadows around the edges of the image) will be present. AF only. Product(s) required: 5516.11 Dome Port	

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
8-18 mm f/2.8-4.0 Panasonic Leica DG Vario-Elmarit ASPH	The only port option that supports zoom. AF only. <u>Product(s) required:</u> 5516.15 Dome Port 5515.08 Zoom Gear <u>Optional accessories:</u> 0923.52 Anti-Reflection Ring	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. <u>Product(s) required:</u> 5516.82 Dome Port 5516.65 Extension <u>Optional accessories:</u> 0923.52 Anti-Reflection Ring	
9-18 mm f/4.0-5.6 Olympus M.Zuiko ED	The only port option that supports zoom. AF only. <u>Product(s) required:</u> 5516.15 Dome Port 5515.23 Zoom Gear <u>Optional accessories:</u> 0923.53 Anti-Reflection Ring	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. <u>Product(s) required:</u> 5516.82 Dome Port <u>Optional accessories:</u> 0923.53 Anti-Reflection Ring	
12 mm f/2 Olympus M.Zuiko Digital ED	Best for close focus wide angle and most compact for travel. 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	AF only. <u>Product(s) required:</u> 5516.12 Dome Port
12 mm f/1.4 Panasonic Lumix ASPH	Recommendation not available		

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
12-32 mm f/3.5-5.6 Panasonic Lumix G Vario HD	The only port option that supports zoom. AF only. Product(s) required: 5516.15 Dome Port 5515.23 Zoom Gear	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. Product(s) required: 5516.45 Flat Port	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. Product(s) required: 5516.82 Dome Port
12-35 mm Panasonic f/2.8 ASPH Power OIS 12-35 mm Panasonic f/2.8 II ASPH Power OIS	The only port option that supports zoom. AF only. Product(s) required: 5516.15 Dome Port 5515.26 Zoom Gear Optional accessories: 0923.51 Anti-Reflection Ring	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. Product(s) required: 5516.82 Dome Port Optional accessories: 0923.51 Anti-Reflection Ring	
12-40 mm f/2.8 Olympus M.Zuiko ED Pro	Very slight vignetting may be present at 12mm due to image stabilization. AF only. Product(s) required: 5516.15 Dome Port 5516.65 Extension 5515.07 Zoom Gear	Slight vignetting will be present at 12mm due to image stabilization. AF only. Product(s) required: 5516.16 Dome Port 5516.65 Extension 5515.07 Zoom Gear	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. Product(s) required: 5516.82 Dome Port
12-45 mm f/4 Olympus M.Zuiko Digital ED Pro	Compared to a shorter port, this option puts the lens element closer to the center of the dome sphere for improved sharpness. AF only. Product(s) required: 5516.16 Dome Port 5515.42 Zoom Gear	AF only. Product(s) required: 5516.15 Dome Port 5515.42 Zoom Gear	

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
12-50 mm f/3.5-6.3 Olympus M.Zuiko Digital ED EZ	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. Product(s) required: 5516.15 Dome Port 5515.21 Zoom Gear	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. Product(s) required: 5516.50 Flat Port	
12-60 mm f/2.8-4.0 Panasonic Leica DG Vario-Elmarit ASPH Power OIS	The only port option that supports zoom. Slight vignetting (dark shadows in the corners of the image) will be present at 12mm. Product(s) required: 5516.15 Dome Port 5516.65 Extension 5509.27 Zoom Gear	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 40-60mm to eliminate vignetting. Zoom not supported. Lens must be used at a fixed focal length. AF only. Product(s) required: 5516.45 Flat Port 5516.67 Extension	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. Product(s) required: 5516.82 Dome Port 5516.65 Extension
12-60 mm f/3.5-5.6 Panasonic ASPH Power OIS	Compared to a shorter port, this option puts the lens element closer to the center of the dome sphere for improved sharpness. Zoom gear may alternatively be used to manually focus. Product(s) required: 5516.16 Dome Port 5515.28 Zoom Gear	Zoom gear may alternatively be used to manually focus. Product(s) required: 5516.15 Dome Port 5515.28 Zoom Gear	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. Product(s) required: 5516.82 Dome Port

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
12-100 mm f/4.0 Olympus M.Zuiko Digital ED IS Pro	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 70-100mm 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. Product(s) required: 5516.50 Flat Port 5516.65 Extension 5516.69 Extension		
14 mm f/2.5 Panasonic ASPH II	Recommendation not available		
14-42 mm f/3.5-5.6 Olympus M.Zuiko ED	The only port option that supports zoom. Autofocus only. May alternatively use the 5516.16 or 5516.17 Dome Port. Product(s) required: 5516.15 Dome Port 5515.08 Zoom Gear	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. Product(s) required: 5516.82 Dome Port	
14-42 mm f/3.5-5.6 Olympus M.Zuiko ED EZ	The only port option that supports zoom. Autofocus only. May alternatively use the 5516.16 or 5516.17 Dome Port. Product(s) required: 5516.15 Dome Port 5509.24 Zoom Gear	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. Product(s) required: 5516.82 Dome Port	
14-42 mm f/3.5-5.6 Olympus M.Zuiko ED II (R)	The only port option that supports zoom. Autofocus only. May alternatively use the 5516.16 or 5516.17 Dome Port. Product(s) required: 5516.15 Dome Port 5515.23 Zoom Gear	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. Product(s) required: 5516.82 Dome Port	

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
14-42 mm f/3.5-5.6 Olympus M.Zuiko ED II (R) + Olympus Fisheye Converter FCON-P01	The only port option that supports zoom. Autofocus only. May alternatively use the 5516.16 or 5516.17 Dome Port. <u>Product(s) required:</u> 5516.15 Dome Port 5515.23 Zoom Gear	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. <u>Product(s) required:</u> 5516.82 Dome Port 5516.65 Extension	
14-42 mm f/3.5-5.6 Panasonic ASPH Mega OIS	Recommendation not available.		
14-42 mm f/3.5-5.6 II Panasonic ASPH Mega OIS	The only port option that supports zoom. Autofocus only. May alternatively use the 5516.16 or 5516.17 Dome Port. The 5516.17 Dome Port will exhibit slight vignetting (dark shadows in the corners of the image) when used with a full frame camera. <u>Product(s) required:</u> 5516.15 Dome Port 5515.23 Zoom Gear	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. <u>Product(s) required:</u> 5516.82 Dome Port	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 30-42mm to eliminate vignetting. Zoom not supported. Lens must be used at a fixed focal length. AF only. <u>Product(s) required:</u> 5516.45 Flat Port
14-45 mm f/3.5-5.6 Panasonic ASPH Mega OIS	AF only. <u>Product(s) required:</u> 5516.15 Dome Port 5515.27 Zoom Gear		
14-150 mm f/4.0-5.6 Olympus M.Zuiko ED II	Lens not recommended for underwater use due to extended zoom range.		
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> 5515.01 Focus Gear

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
30 mm f/2.8 Panasonic Macro ASPH Mega OIS	Recommendation not available		
40-150 mm f/4.0-5.6 Olympus M.Zuiko ED R	Lens not recommended for underwater use due to extended zoom range.		
45 mm f/2.8 Panasonic ASPH Mega OIS	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	
60 mm f/2.8 Olympus M.Zuiko Macro ED	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		
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).		