

COYOTE® Dome Closures for OPGW

Not only can the COYOTE® Dome accommodate ADSS cable, but can also accommodate various types of OPGW cable. Such types of OPGW that can be used in the COYOTE® DOME include:

- OPGW with stranded stainless steel (ridged) buffer tubes.
- OPGW with a slotted core and flexible plastic buffer tubes.
- OPGW with a central aluminum tube and flexible plastic buffer tubes.

- OPGW with a central aluminum tube and central stainless steel or hard plastic (ridged) buffer tubes.
- OPGW with a central aluminum tube but without central stainless steel or hard plastic (ridged) buffer tubes.

Selecting the proper COYOTE® Dome kit for your OPGW application depends on the fiber count, cable diameter, and the fiber package construction of the OPGW that you are using. The selection guide below can be used to determine which COYOTE® Dome kit for OPGW will best suit your needs.

COYOTE® Dome Closure Selection Guide for OPGW Cable Types											
OPGW Cable Information				COYOTE® DOME Closure Kits for OPGW Applications							
OPGW Description	Max Single Fusion Splices		OPGW Max diameter* Inches (mm)	Size Inches	Kit Catalog Number		Endplate	Trays Included with Kit	Fiber Count per tray	Organizer Type	Transition/Furcation***
	Using COYOTE® Standard Tray	Using COYOTE® Low Profile Tray			Closure w/ Standard Tray Kit**	Closure w/Low Profile Tray Kit**					
Stranded Stainless Steel (Ridged) Buffer Tube	48	72	1.25" (31.8)	6.5" X 17"	800012147	800012148	Segmented 4 Port *	1	12	Unitube	Yes
	144	216	1.25" (31.8)	6.5" X 22"	800012149	800012150	Segmented 4 Port *	1	36	Unitube	Yes
Slotted Core with Flexible Plastic Buffer Tube	48	72	1.25" (31.8)	6.5" X 17"	800012143	800012144	Segmented 4 Port *	1	12	Loose Tube Buffer Tube	No
	144	216	1.25" (31.8)	6.5" X 22"	800012145	800012146	Segmented 4 Port *	1	36	Loose Tube Buffer Tube	No
Central Aluminum Tube with Flexible Plastic Buffer Tubes	48	72	1.25" (31.8)	6.5" X 17"	800012143	800012144	Segmented 4 Port *	1	12	Loose Tube Buffer Tube	No
	144	216	1.25" (31.8)	6.5" X 22"	800012145	800012146	Segmented 4 Port *	1	36	Loose Tube Buffer Tube	No
Central Aluminum Tube with or w/o Stainless Steel/Hard Plastic (Ridged) Buffer Tubes	48	72	1.25" (31.8)	6.5" X 17"	800012147	800012148	Segmented 4 Port *	1	12	Unitube	Yes
	144	216	1.25" (31.8)	6.5" X 22"	800012149	800012150	Segmented 4 Port *	1	36	Unitube	Yes

*All Closures are provided with (2) 8003664 grommets, and (2) 8003691 and (2) 8003692 grommet kits for OPGW cable diameters .30" to .85" (8 mm - 22 mm). Optional grommets found in the grommet selection guide on the previous page can expand the number of cable entries per port and accommodate various sizes.

**Along with one tray, all closures kits include OPGW Sealant Kit #8003754 and Heat Shrink Splice Protectors.

***Closures with Unitube Organizers include Transition Furcation Kits 800011212 and 800011381 for Stainless Steel/Hard Plastic (Ridged) Buffer Tube Applications. See the Transition Furcation Kit Application Guide below for Transition Furcation kit sizes.








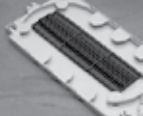
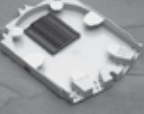





Transition Furcation Kit Application Guide for Stainless Steel/Hard Plastic (Ridged) Buffer Tube Sizes			
Catalog Number	Description	Closure Type	
		6.5" X 17"	6.5" X 22"
800011212	Furcation Kit for Buffer Tubes OD range .133" - .154"	X	X
800011381	Furcation Kit for Buffer Tubes OD range .118" - .126"	X	X
800011382	Furcation Kit for Buffer Tubes OD range .102" - .110"	X	X

NOTE: Contact PLP or refer to SP2963-4 for further information about Transition Furcation Kit Applications

Key Features

- Available sizes: 6.5" x 17" and 6.5" x 22"
- OPGW Strain Relief Bracket Kit (Cat. # 8003754) provides brackets, clamps, and flat sealant for installing two OPGW cables in the end plate
- When adding future OPGW cables, order additional Strain Relief Bracket Kits
- Transition Furcation Kits for OPGW with stainless steel (ridged) buffer tubes (see table above).
- Additional grommets may be ordered for OPGW applications using the grommet kit selection guide (see page 9-10)
- Splice Tray included in COYOTE® Dome Kit:
 - One Standard Splice Tray is included
- Additional splice trays may be ordered. See chart on page 1-4, 1-5.

COYOTE® Dome Splice Trays for ADSS & OPGW

Short Splice Trays for the 17" Dome	 6.5" x 17" COYOTE Dome	Long Splice Trays for 22", 28" Dome and In-Line Closures	 6.5" x 22" COYOTE Dome	 9.5" x 28" COYOTE Dome	 6.5" x 28" COYOTE In-Line Dome
 Low Profile Tray (12 splice count) Cat. # 80807701 (w/splice blocks) or #80807769 (blank)	6 Trays 72 Max Splice Count	 Low Profile Tray (36 splice count) Cat # 8001127 (w/plastic splice blocks) or 80807769 (blank)	6 Trays 216 Max Splice Count	PN: 80061055 12 Trays – 432 Max PN: 80061056 12 Trays – 432 Max PN: 80061057 18 Trays – 648 Max	6 Trays 216 Max Splice Count
 Standard Tray (12 splice count) Cat # 80806033 (w/splice block) or 80806182 (blank)	4 Trays 48 Max Splice Count	 Standard Tray (36 Splice count) Cat # 80805514 (w/elastomer splice block), 80805110 (w/rigid slots), or 80805509 (blank)	4 Trays 144 Max Splice Count	PN: 80061055 9 Trays – 324 Max PN: 80061056 9 Trays – 324 Max PN: 80061057 14 Trays – 504 Max	4 Trays 144 Max Splice Count
 Ribbon Tray (72 splice count) Cat # 80807114 (w/splice block) or 80808160 (blank)	3 Trays 216 Max Splice Count	 Ribbon Tray (144 splice count) Cat # 80805515 (w/elastomer splice blocks), 80805146 (w/rigid slots), or 80805510 (blank)	3 Trays 432 Max Splice Count	PN: 80061055 6 Trays – 864 Max PN: 80061056 6 Trays – 864 Max PN: 80061057 9 Trays – 1296 Max	3 Trays 432 Max Splice Count
 LITE-GRIP® Short Tray ¹ (40 splice count) Cat # LGSTS16 (single fusion)	3 Tray 120 Max Splice Count ¹	 LITE-GRIP® Long Tray ² (80 splice count) Cat # LGSTS40 (single fusion)	3 Trays 240 Max Splice Count ²	PN: 80061055 6 Trays – 480 Max ² PN: 80061056 6 Trays – 480 Max ² PN: 80061057 9 Trays – 720 Max ²	3 Trays 240 Max Splice Count ²
 LITE-GRIP Short Tray (144 splice count) Cat # LGSTR144 (mass fusion ribbon)	3 Tray 432 Max Splice Count	 LITE-GRIP Long Tray (216 splice count) Cat # LGSTR216 (mass fusion ribbon)	3 Trays 648 Max Splice Count	PN: 80061055 6 Trays – 1296 Max PN: 80061056 6 Trays – 1296 Max PN: 80061057 9 Trays – 1944 Max	3 Trays 648 Max Splice Count

1 Each tray (Cat #LGSTS16) is provided with splice blocks to support 16 single fusion splices. Splice Block Kit (Cat #LGSSB 8-5) is required for each tray to achieve maximum splice count.

2 Each tray (Cat. #LGSTS40) is provided with splice blocks to support 40 single fusion splices. Splice Block Kit (Cat #LGSSB8-5) is required for each tray to achieve maximum splice count.