# COYOTE® HD Dome Closure

The **COYOTE HD (High-Density) Dome Closure** offers an alternative fiber organizer to support high-density splice applications within the same footprint as PLP's existing 9.5" x 28" COYOTE Dome Closure. The new organizer architecture provides open access for fiber routing, reduces cable sheath openings, and simplifies assembly: all factors that save you time and money. When combined with PLP's patented segmented end plate design, the closure system offers the ultimate level of flexibility to address your complex network needs.
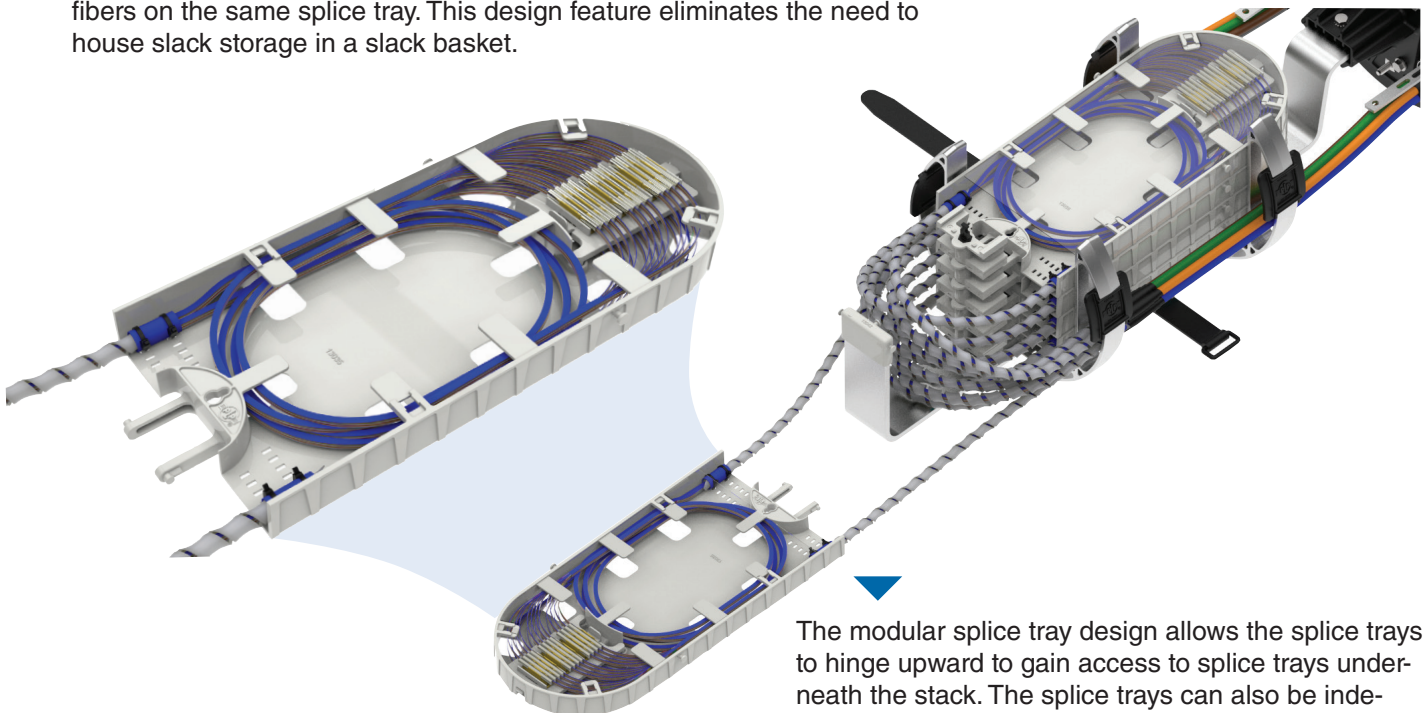
## Features and Benefits

- Maximum Splice Capacity of 1728 or 3456 depending on cable construction

- 7-Port segmented end plate design provides independent access to each cable port without disrupting surrounding cables

- Two splice tray designs to support mass fusion splicing, single fusion, or a combination of both

- Modular tray design permits trays to hinge upward or be removed from the stack to allow multiple splicers to work simultaneously

- Grommet range now accepts fiber optic cable entry of up to 1.38" in diameter

- Designed and tested in accordance to Telcordia® GR-771-CORE Buried, Underground, IP-68 Rated Requirement

▶ The COYOTE HD features PLP's patented segmented end plate system which allows independent access to each cable port without disrupting surrounding cables. The cable take-up ability of the COYOTE silicone grommets, paired with the chemically bonded hard and soft polymer of the end plate cap, provides a secure seal around a wide variety of cable profiles, eliminating the need for scuffing, adhesives, sealing tapes, or cure times. The cable restraint hardware provides proper pull-out strength and restricts strength member pistoning inside the closure.
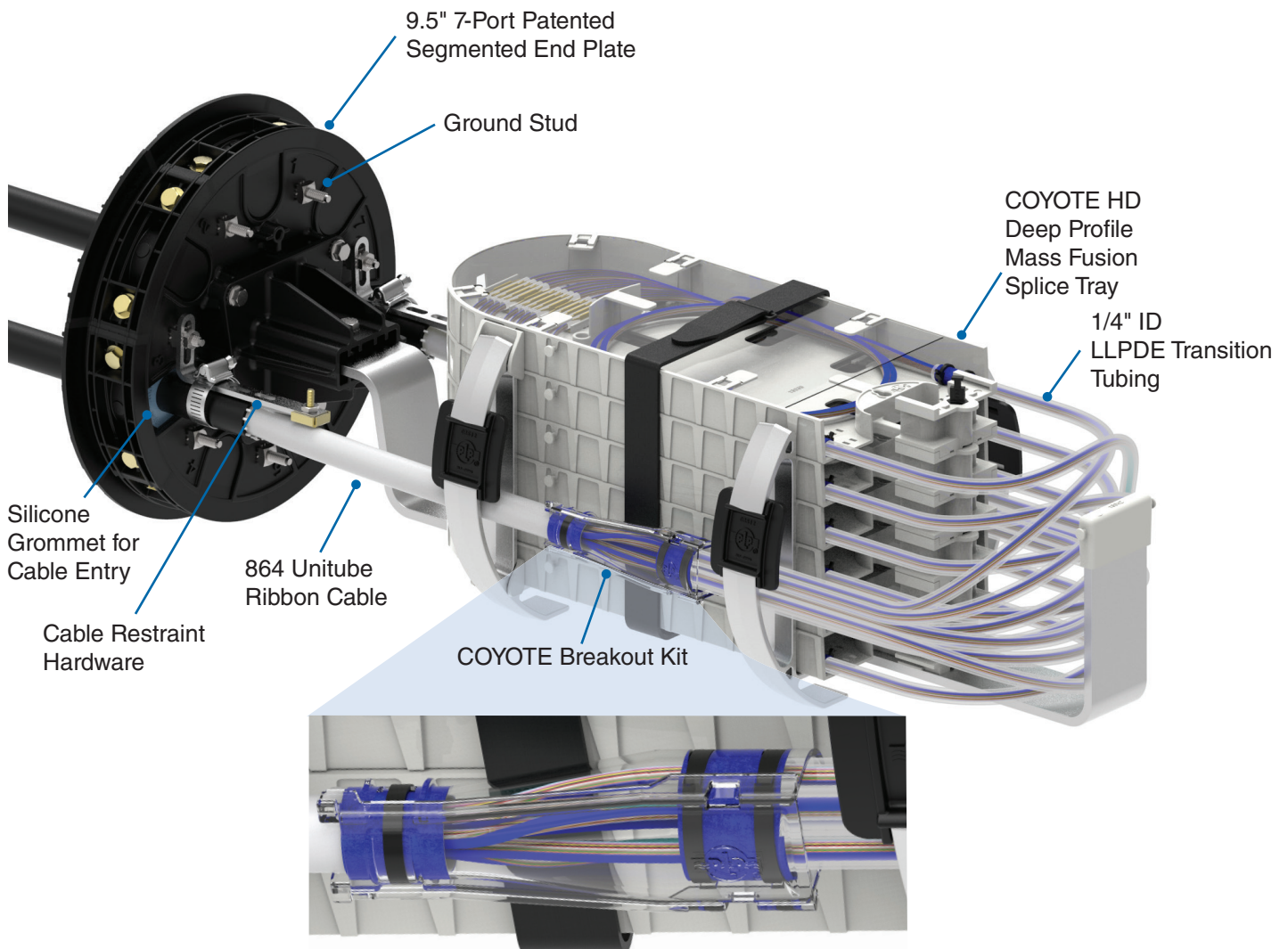


▶ The COYOTE HD Deep Profile Mass Fusion Splice Tray (Catalog Number: 80813121), permits storage of slack ribbon fibers and splicing of up to 288 fibers on the same splice tray. This design feature eliminates the need to house slack storage in a slack basket.
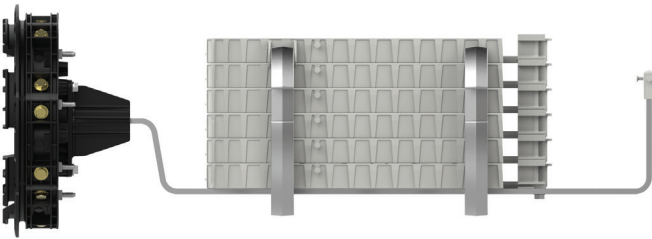


▼ The modular splice tray design allows the splice trays to hinge upward to gain access to splice trays underneath the stack. The splice trays can also be independently removed from the stack, allowing multiple splicers to work simultaneously outside of the closure footprint, ultimately speeding up network deployment.

The COYOTE Breakout Kit (Catalog Number: 80061500) is used to organize, protect, and breakdown unitube ribbon cables into smaller, more manageable ribbon subsets prior to routing to a splice tray, when a slack basket is not available. It is compatible with unitube ribbon cables from 864F down. In conjunction with the C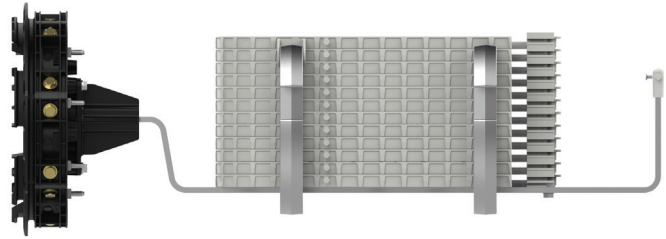OYOTE Breakout Kit, all cable restraint hardware and shield bonds can be attached outside of the COYOTE HD Dome Closure's footprint prior to entry into the end plate. The COYOTE Breakout Kit consists of a base, snap-on cover, (6) ¼" ID x 36" LLDPE transition tubes, felt tape, and zip-ties. Each transition tube is capable of routing (12) 12-fiber ribbon matrices or 144 fibers to a splice tray.



9.5" 7-Port Patented Segmented End Plate

Ground Stud

COYOTE HD Deep Profile Mass Fusion Splice Tray

1/4" ID LLPDE Transition Tubing

Silicone Grommet for Cable Entry

864 Unitube Ribbon Cable

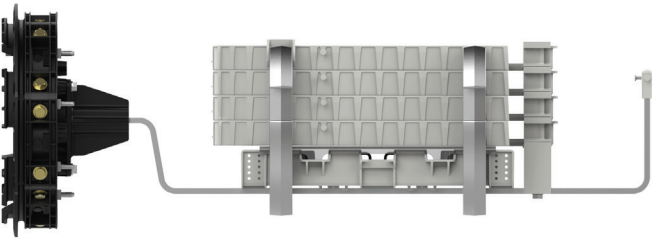Cable Restraint Hardware

COYOTE Breakout Kit

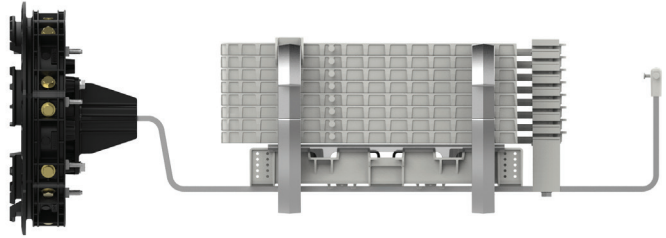# ▶ COYOTE® HD Dome Closure Tray Stacking for Ribbon Applications

Catalog Number 80061406
with (6) 80813121 Splice Trays
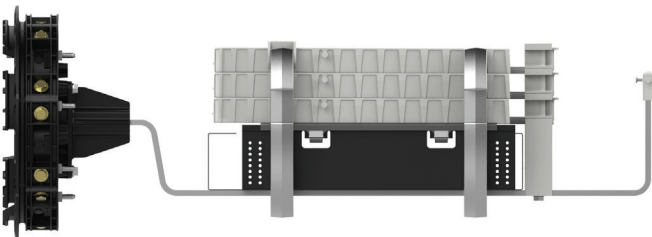Maximum Splice Capacity – 1728 Ct.

Catalog Number 80061406
with (12) 80813122 Splice Trays
Maximum Splice Capacity – 3456 Ct.
(used for end of reel splice with collapsible ribbon)
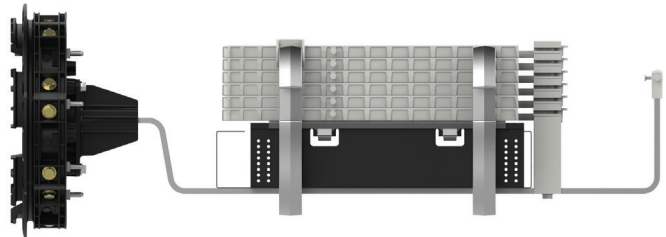
Catalog Number 80061407
with (4) 80813121 Splice Trays
Maximum Splice Capacity – 1152 Ct.

Catalog Number 80061407
with (8) 80813122 Splice Trays
Maximum Splice Capacity – 2304 Ct.

Catalog Number 80061406 and 80813267
with (3) 80813121 Splice Trays
Maximum Splice Capacity – 864 Ct.

Catalog Number 80061406 and 80813267
with (6) 80813122 Splice Trays
Maximum Splice Capacity – 1728 Ct.

**COYOTE** FIBER OPTICS

# ▶ COYOTE® HD Dome Closure for Ribbon Applications

| Specifications | WITHOUT Slack Basket, Cables Less Than 1.25" in. Dia. | WITH Slack Basket, Cables Less Than 1.25" in. Dia. |
|---|---|---|
| **Catalog Numbers** | **80061406** | **80061407** |
| Splice Capacity (Maximum) – Single Fusion (Thin, 80813123), Mass Fusion (Thin, 80813122), Mass Fusion (Deep, 80813121) | 864, 3456[1], 1728 | 576, 2304[1], 1152 |
| Number of Splice Trays – 80813123, 80813122[1], 80813121 | 12, 12, 6 | 8, 8, 4 |
| Cable Ports[2] | 7 | 7 |
| Cable Diameters | 0.093" – 1.25" (2.4 – 31.8 mm) and Flat Drop | 0.093" – 1.25" (2.4 – 31.8 mm) and Flat Drop |
| Ground Studs | 7 | 7 |
| Configuration | Butt | Butt |
| Application | Direct Bury, Below Grade, Pole/Wall, Aerial | Direct Bury, Below Grade, Pole/Wall, Aerial |
| Ingress Protection | In accordance to Telcordia® GR-771-CORE, Buried, Underground; IP-68 | In accordance to Telcordia® GR-771-CORE, Buried, Underground; IP-68 |
| Size[4] | 13.3" W x 29.4" L (338 x 747 mm) | 13.3" W x 29.4" L (338 x 747 mm) |

| Specifications | WITHOUT Slack Basket, Cables Greater Than 1.25" in. Dia. | WITH Slack Basket, Cables Greater Than 1.25" in. Dia. |
|---|---|---|
| **Catalog Number** | **80061408** | **80061409** |
| Splice Capacity (Maximum) – Single Fusion (Thin, 80813123), Mass Fusion (Thin, 80813122), Mass Fusion (Deep, 80813121) | 864, 3456[1], 1728 | 576, 2304[1], 1152 |
| Number of Splice Trays – 80813123, 80813122[1], 80813121 | 12, 12, 6 | 8, 8, 4 |
| Cable Ports[2] | 7 | 7 |
| Cable Diameters[3] | 0.093" – 1.38" (2.4 – 35.0 mm) and Flat Drop | 0.093" – 1.38" (2.4 – 35.0 mm) and Flat Drop |
| Ground Studs | 7 | 7 |
| Configuration | Butt | Butt |
| Application | Direct Bury, Below Grade, Pole/Wall, Aerial | Direct Bury, Below Grade, Pole/Wall, Aerial |
| Ingress Protection | In accordance to Telcordia® GR-771-CORE, Buried, Underground; IP-68 | In accordance to Telcordia® GR-771-CORE, Buried, Underground; IP-68 |
| Size[4] | 13.3" W x 29.4" L (338 x 747 mm) | 13.3" W x 29.4" L (338 x 747 mm) |

[1] The 80813122 thin-profile splice tray can only be used for cables that contain SpiderWeb Ribbon (SWR®) – AFL, Rollable Ribbon (RR) – OFS, Pliable Ribbon – Sumitomo, or FlexRibbon™ – Prysmian
[2] Multi-hole grommets allow for more than one cable to enter each cable port.
[3] Cables with diameters larger than 1.25" can only be used in end plate port numbers 3 and 6.
[4] Outermost part of the assembly; includes the sealing collar.

## COYOTE HD Dome Closure Kit Contents for Ribbon Applications

| Catalog Number | Description |
|---|---|
| 80061406 | COYOTE HD Dome Closure for Ribbon – Includes (2) 1-Hole Grommets 0.85" - 1.00" (21.6 - 25.4 mm) and (2) 1-Hole Grommets 1.00" - 1.25" (25.4 - 31.8 mm) |
| 80061407 | COYOTE HD Dome Closure with Slack Basket for Ribbon – Includes (2) 1-Hole Grommets 0.85" - 1.00" (21.6 - 25.4 mm), (2) 1-Hole Grommets 1.00" - 1.25" (25.4 - 31.8 mm), and (1) 6-Pack, 36" long of 0.25" ID Transition Tubing |
| 80061408 | COYOTE HD Dome Closure for Ribbon – Includes (2) 1-Hole Grommets 1.00" - 1.25" (25.4 - 31.8 mm) and (2) 1-Hole Grommets 1.25" - 1.38" (31.8 - 35.0 mm) |
| 80061409 | COYOTE HD Dome Closure with Slack Basket for Ribbon – Includes (2) 1-Hole Grommets 1.00" - 1.25" (25.4 - 31.8 mm), (2) 1-Hole Grommets 1.25" - 1.38" (31.8 - 35.0 mm), and (1) 6-Pack, 36" long of 0.25" ID Transition Tubing |

All kits include (1) COYOTE HD End Plate Organizer, (1) Dome, (1) Gasket, (1) Collar, (4) 1-Hole Grommets, (1) 12-Pack of 20" Long 0.50" ID Spiral Tubing, and Cable Restraint Hardware.

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**CCYOTE®**
FIBER OPTICS

▶ COYOTE® HD Dome Closure for Buffer Tube Applications

## Specifications

| Catalog Numbers | 80061488 |
|---|---|
| Splice Capacity (Maximum) – Single Fusion (Thin, 80813123, 72 ct.), Single Fusion (Thin, 80813301, 108 ct.) | 576, 864 |
| Number of Splice Trays – 80813123, 80813301 | 8, 8 |
| Cable Ports[2] | 7 |
| Cable Diameters | 0.093" – 1.25" (2.4 – 31.8 mm) and Flat Drop |
| Ground Studs | 7 |
| Configuration | Butt |
| Application | Direct Bury, Below Grade, Pole/Wall, Aerial |
| Ingress Protection | In accordance to Telcordia® GR-771-CORE, Buried, Underground; IP-68 |
| Size[4] | 13.3" W x 29.4" L (338 x 747 mm) |

[2] Multi-hole grommets allow for more than one cable to enter each cable port.
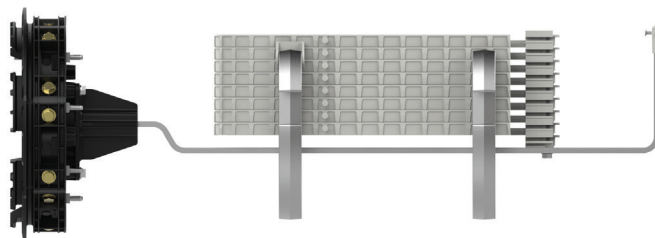[4] Outermost part of the assembly; includes the sealing collar.

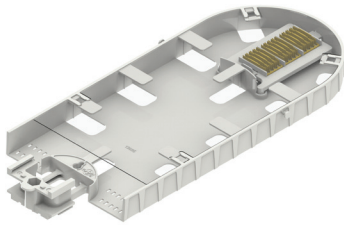## COYOTE HD Dome Closure Kit Contents for Buffer Tube Applications

| Catalog Number | Description |
|---|---|
| 80061488 | COYOTE HD Dome Closure for Single Fusion – Includes (1) COYOTE HD End Plate Organizer, (1) Dome, (1) Gasket, (1) Collar, (2) 1-Hole Grommets 0.60" - 0.85" (15.2 - 21.6 mm), (2) 1-Hole Grommets 0.85" - 1.00" (21.6 - 25.4 mm) and Cable Restraint Hardware |

Telcordia® is a registered trademark of Telcordia Technologies, Inc. now part of Ericsson.
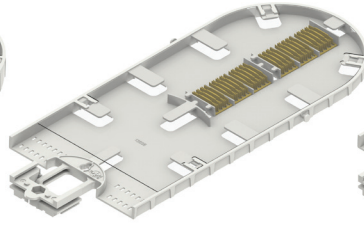
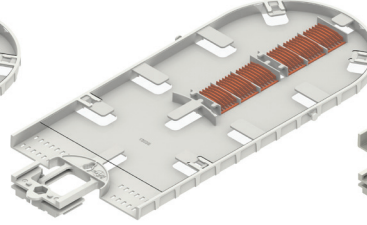▶ COYOTE® HD Dome Closure Tray Stacking for Buffer Tube Applications



Catalog Number 80061488
with (8) 80813123 or 80813301 Splice Trays
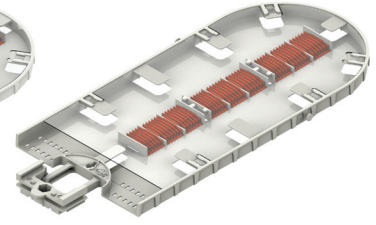Maximum Splice Capacity – 864 Ct.

Catalog Number 80813121
Deep Profile Mass Fusion Flip Tray
288 ct.

Catalog Number 80813122
Thin Profile Mass Fusion Flip Tray
288 ct.

Catalog Number 80813123
Thin Profile Single Fusion Flip Tray
72 ct.

Catalog Number 80813301
Thin Profile Single Fusion Flip Tray
108 ct.

## COYOTE HD Dome Closure Accessories

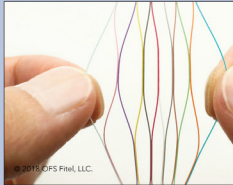| Catalog Number | Description |
|---|---|
| 80813121 | Deep Profile Mass Fusion Flip Tray, 288 CT. |
| 80813122 | Thin Profile Mass Fusion Flip Tray, 288 CT. |
| 80813123 | Thin Profile Single Fusion Flip Tray, 72 CT. |
| 80813301 | Thin Profile Single Fusion Flip Tray, 108 CT. |
| 8004160 | Heat Shrink Splice Protector Kit – Includes (50) 40 mm Mass Fusion |
| 8004095 | Heat Shrink Splice Protector Kit – Includes (50) 40 mm Single Fusion |
| 8003717 | Heat Shrink Splice Protector Kit – Includes (50) 60 mm Single Fusion |
| 80813267 | Deep Slack Basket Kit for up to 864 Expressed Mass Fusion Applications. For the COYOTE HD (High-Density) Dome Closure Only. This Slack Basket Kit should be ordered when a technician needs to store an excessive amount of slack. This Slack Basket is field installable to any COYOTE HD (High-Density) Dome for Ribbon Applications, but results in the ability to store (3) 80813121 Deep Profile Mass Fusion Flip Trays (288 CT. each) or (6) Thin Profile Mass Fusion or Single Fusion Flip Trays. |
| 80061500 | Breakout Kit for Unitube Ribbon Applications |
| COYEPFIX1 | End Plate Fixture Assembly for 6.5" and 9.5" Domes |
| 8003839 | End Plate Kit for 9.5" Domes |
| 80812608 | End Plate Gasket for 9.5" Domes |
| 80808528-1 | Latching Collar for 9.5" Domes |
| 80061201 | Breakaway Bonding Plate for 9.5" Domes |
| 80809205 | Strength Member Bracket Kit – Includes (2) Short L-Brackets |
| 800015236 | Strength Member Bracket Kit – Includes (3) Long L-Brackets and (3) Hose Clamps |
| 80808651 | Strength Member Bracket Kit – Includes (4) Long L-Brackets |
| 80813124 | Splice Tray Locking Pin Kit – Includes (5) Tray Locking Pins |
| 80813125 | Splice Tray Tether Kit – Includes (6) Splice Tray Tether Straps |
| 80812618 | Pack of (4) 18" Long Pieces of 0.25" ID Tubing |
| 80807991 | 100' Roll of 0.25" ID Tubing |
| 80812881 | 100' Roll of 0.50" ID Spiral Wrap Tubing |
| 8004154 | 125' Spool of Braided Expandable Sleeving, 3/8" Diameter, Blue |
| 8004155 | 125' Spool of Braided Expandable Sleeving, 3/8" Diameter, Orange |
| 8004156 | 125' Spool of Braided Expandable Sleeving, 3/8" Diameter, Green |
| 8004157 | 125' Spool of Braided Expandable Sleeving, 3/8" Diameter, Brown |
| 8004158 | 125' Spool of Braided Expandable Sleeving, 3/8" Diameter, Slate |
| 8004159 | 125' Spool of Braided Expandable Sleeving, 3/8" Diameter, White |
| 8004174 | 100' Spool of Split Braided Wrap, 3/8" Diameter, Blue |
| 8004175 | 100' Spool of Split Braided Wrap, 3/8" Diameter, Orange |

## COYOTE HD Dome Closure Accessories (continued)

| Catalog Number | Description |
|---|---|
| 8004176 | 100' Spool of Split Braided Wrap, 3/8" Diameter, Green |
| 8004177 | 100' Spool of Split Braided Wrap, 3/8" Diameter, Brown |
| 8004178 | 100' Spool of Split Braided Wrap, 3/8" Diameter, Slate |
| 8004167 | 100' Spool of Split Braided Wrap, 3/8" Diameter, White |
| 8004168 | 100' Spool of Split Braided Wrap, 3/8" Diameter, Black |
| 80813518 | Wire Loom Insertion Tool - used for installing Split Braided Wrap |
| 8003941 | Swing Arm for Handhole Applications |
| 8004003 | Manhole Support Bracket |

## COYOTE HD Dome Closure Mounting Brackets

| Catalog Number | Description |
|---|---|
| 8003940 | Aerial Mounting Bracket – Strand Applications |
| 8004037 | Aerial Adjustable Offset Mounting Bracket – Strand Applications |
| 8003869 | Aerial Mounting Bracket – ADSS Applications |
| 8004038 | Aerial Adjustable Offset Mounting Bracket – ADSS Applications |
| 8003942 | Pole/Wall Mounting Bracket |
| 8003835 | Universal Mounting Bracket – Handhole Applications |
| 8003941 | Swing Arm for Handhole Applications |
| 8004003 | Manhole Support Bracket |

## ▶ Compatible with ribbon and loose tube cables including the following high-density fiber optic cables:

OFS AccuTube®+ Rollable
Ribbon Fiber Optic Cable

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OFS AccuTube®+ Rollable Ribbon Fiber Optic
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Prysmian MassLink™
with FlexRibbon™ Technology

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Corning RocketRibbon™
Extreme Density Cables

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