

COMMUNICATIONS

COYOTE® Closure Selection Guide



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Fiber Optics Selection Guide Worksheet

IMPORTANT NOTE: TO USE THIS SELECTION GUIDE YOU MUST FIRST ANSWER THESE 7 QUESTIONS

1. Largest Cable Size (Number of Fibers) Entering Closure _____
2. Cable Type (Buffer Tube or Ribbon) _____
3. Number of Fibers to be Spliced _____
4. Splice Method (Single Fusion or Mass/Ribbon Fusion) _____
5. Type of Closure to be used (Shell Closure or Dome Closure) _____
6. Diameter of the Largest Cable Being Used _____
7. Aerial or Underground Splice Application _____
(NOTE: Buried Splice Applications do not require support brackets or hangers)

Glossary

Buffer Tube: This is another term for Loose Tube

Butt Splice: This refers to when all cables that are to be spliced or expressed enter a closure at one end

Core Tube: This is another term for Central Tube or Uni-Tube

Cut Cable: This refers to when the main feeding cable has been cut

Dome Closure: A closure which consists of a plastic shell that slides over the main storage assembly. An air tight seal is created between the shell and the end plate with a gasket and a sealing collar. The closure can be pressurized for testing the integrity of the seal.

Express Splice (Through Splice): This refers to when the main feeding cable has not been cut

Ribbon Splice: This is another term for mass fusion splice

Shell Closure: A closure which consists of two shell halves that contain a permanent neoprene gasket. A hermetic seal is created by bolting the two shell halves together. The closure can be pressurized for testing the integrity of the seal.



COMMUNICATIONS

COYOTE® Selection Guide

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NOTE: Consult Factory Rep. for High Count Closure Options.

COYOTE Selection Guide for Inline Splice Closures

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NOTE: Consult Factory Rep. for High Count Closure Options.

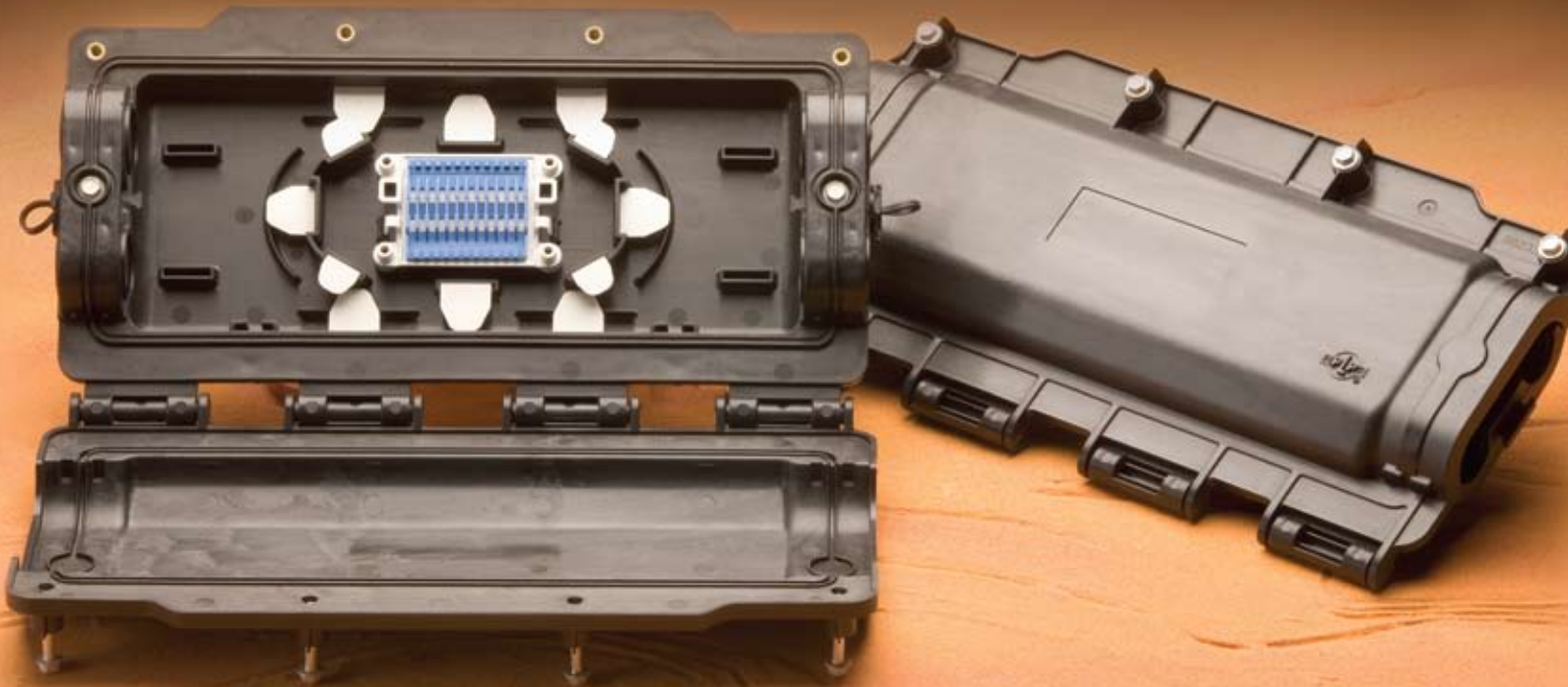
COYOTE Selection Guide Charts

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NOTE: See Section L for Closure Capacities with Lite-Grip Splice Trays.
Consult PLP representative for information on closures for OPGW applications.

SPLICE DROP FIBER

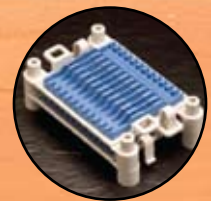
WITHOUT SPLICE TRAYS.



No special tools required for installation.



Easy-to-use grommet sealing system provides superior protection.



Stacking splice platforms increase capacity.

COYOTE[®] FIBER OPTICS

- Accepts 2 splice platforms for a standard splice capacity of 24 fibers.
- Increased splice capacities available with alternative splice holders.
- Includes universal mounting bracket that permits a variety of mounting options.

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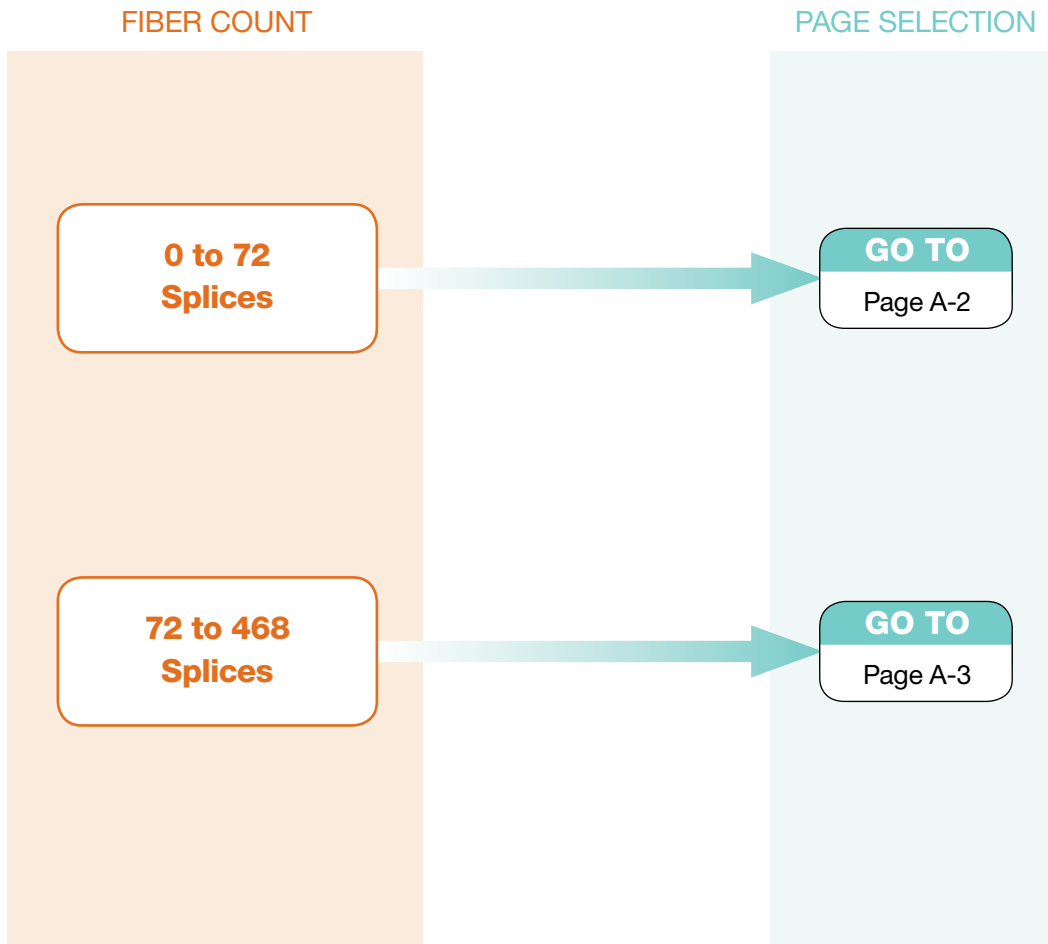
Section A

CABLE TYPE

Buffer Tube (Expressed)

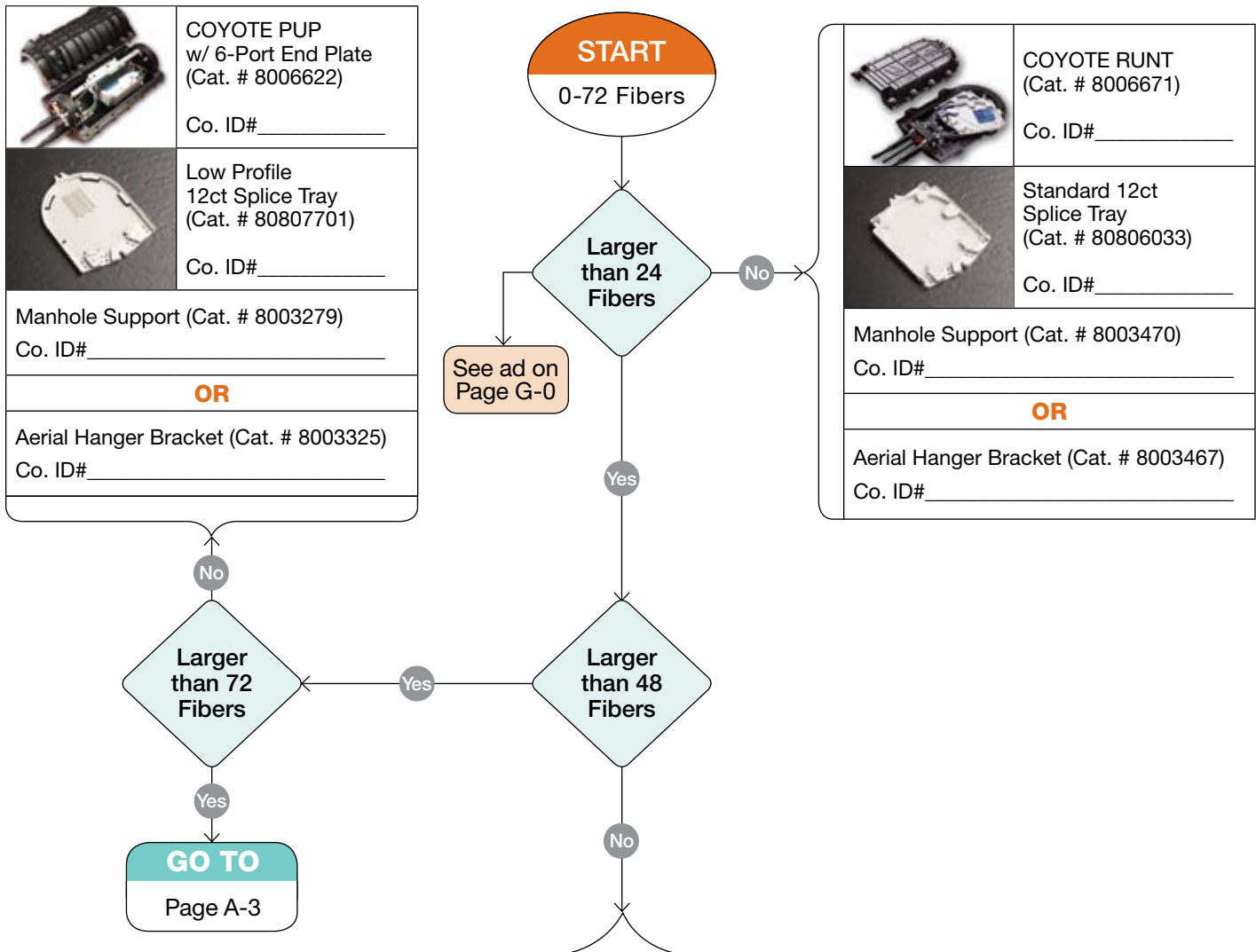
SPLICE METHOD

Butt Splice Single Fusion







Section A



Butt Splice Applications with Buffer Tube Cable (0 to 72 Fibers)



SUGGESTED CLOSURE

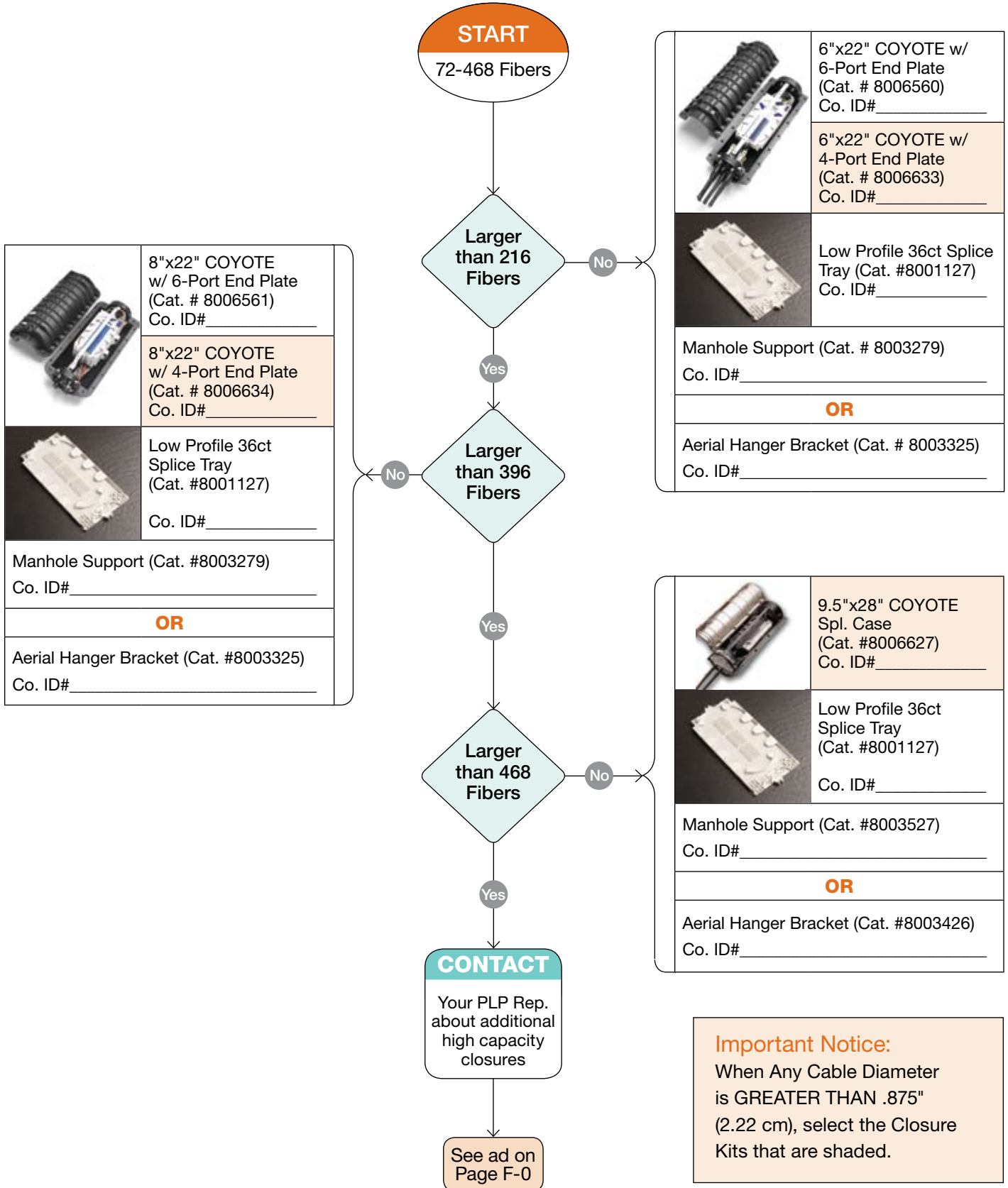
| | |
|--|--|
|  | Expanded COYOTE RUNT (Cat. # 8006794) Co. ID# _____ |
|  | Standard 12ct Splice Tray (Cat. # 80806033) Co. ID# _____ |
| Manhole Support (Cat. # 8003470) Co. ID# _____ | |
| OR | |
| Aerial Hanger Bracket (Cat. # 8003467) Co. ID# _____ | |

| | |
|---|---|
|  | COYOTE In-Line RUNT (Cat. # 8006951) Co. ID# _____ |
|  | Low Profile 12ct Splice Tray (Cat. # 80807701) Co. ID# _____ |
| Manhole Support (Cat. # 8003703) Co. ID# _____ | |
| OR | |
| Aerial Hanger Bracket (Cat. # 8003704) Co. ID# _____ | |

| | |
|---|--|
|  | COYOTE PUP w/ 6-Port End Plate (Cat. # 8006622) Co. ID# _____ |
|  | Standard 12ct Splice Tray (Cat. # 80806033) Co. ID# _____ |
| Manhole Support (Cat. # 8003279) Co. ID# _____ | |
| OR | |
| Aerial Hanger Bracket (Cat. # 8003325) Co. ID# _____ | |

Section A

Butt Splice Applications with Buffer Tube Cable (72 to 468 Fibers)



Important Notice:

When Any Cable Diameter is GREATER THAN .875" (2.22 cm), select the Closure Kits that are shaded.

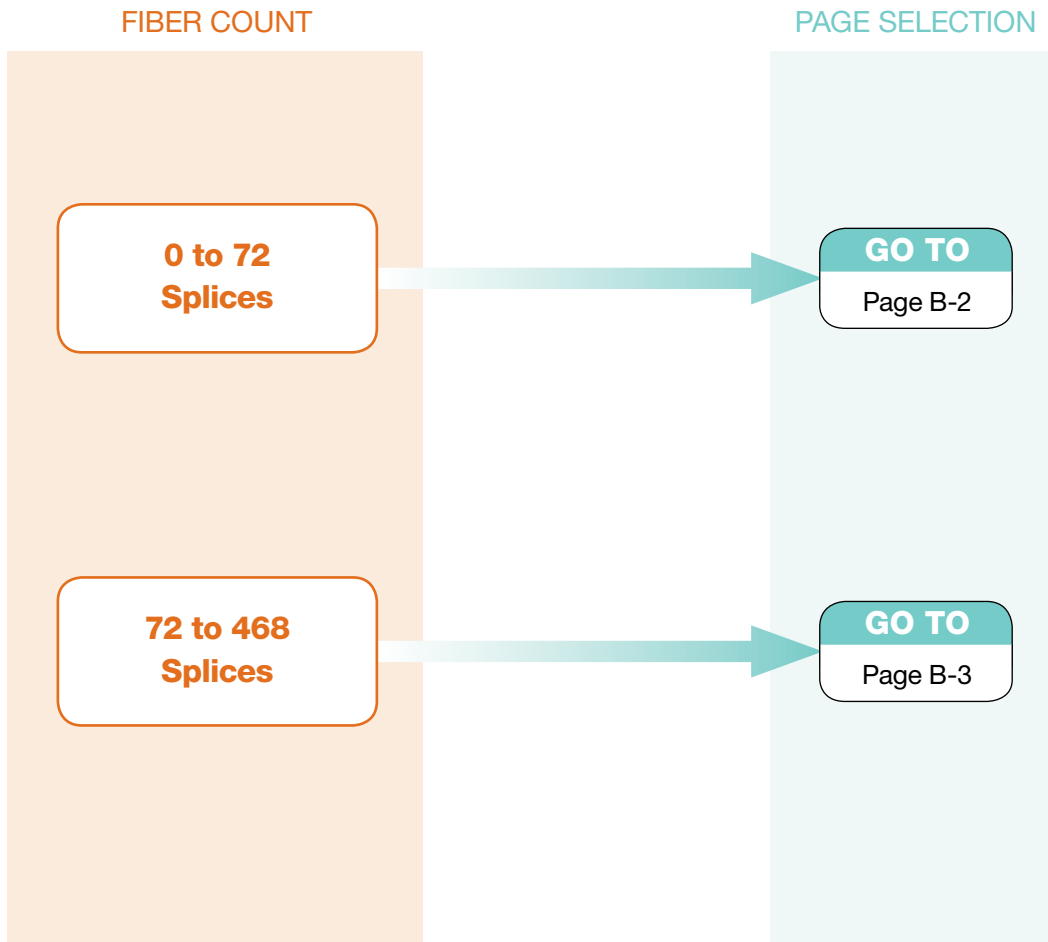
Section B

CABLE TYPE

Buffer Tube (Cut Cables)

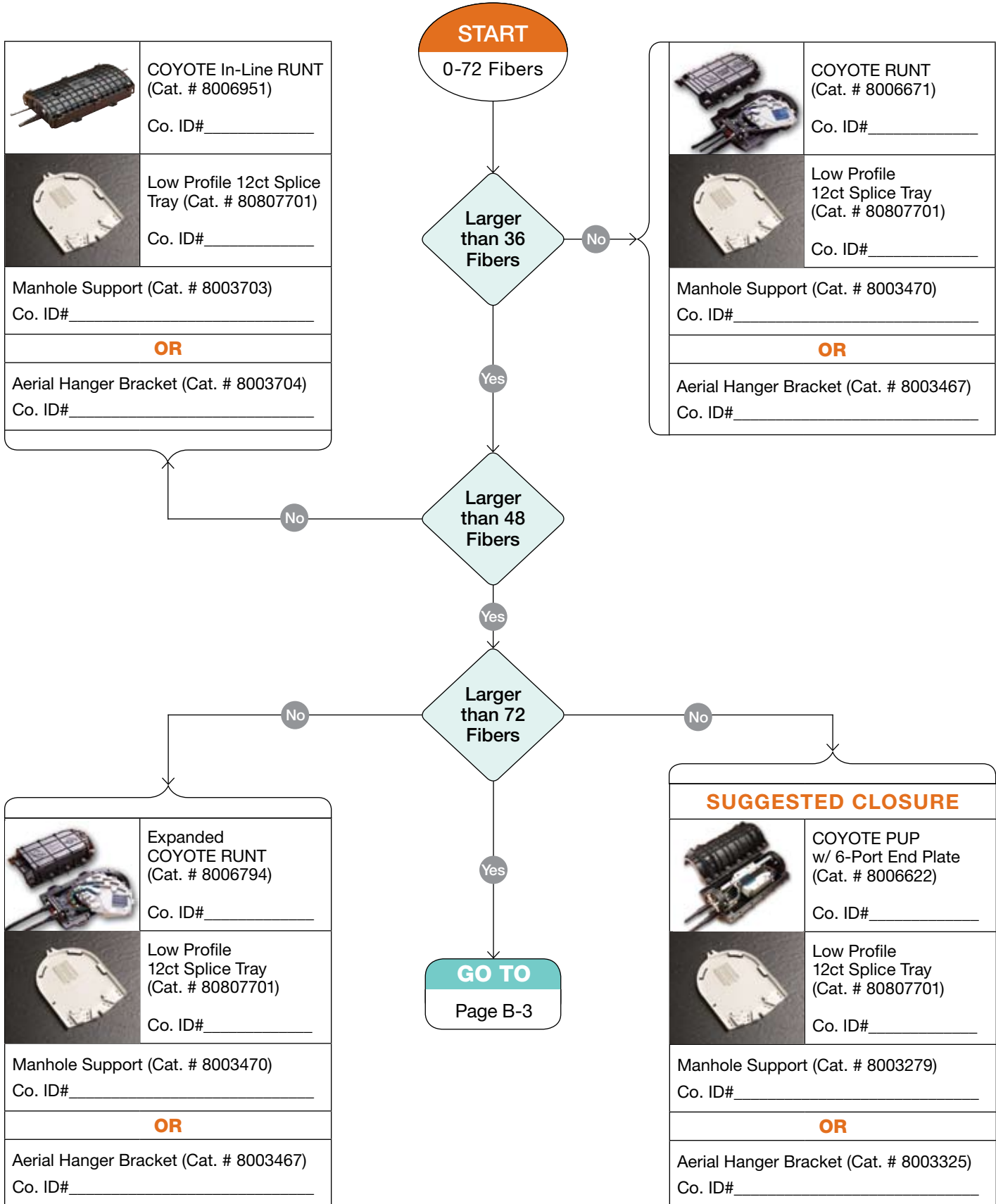
SPLICE METHOD

Butt Splice Single Fusion



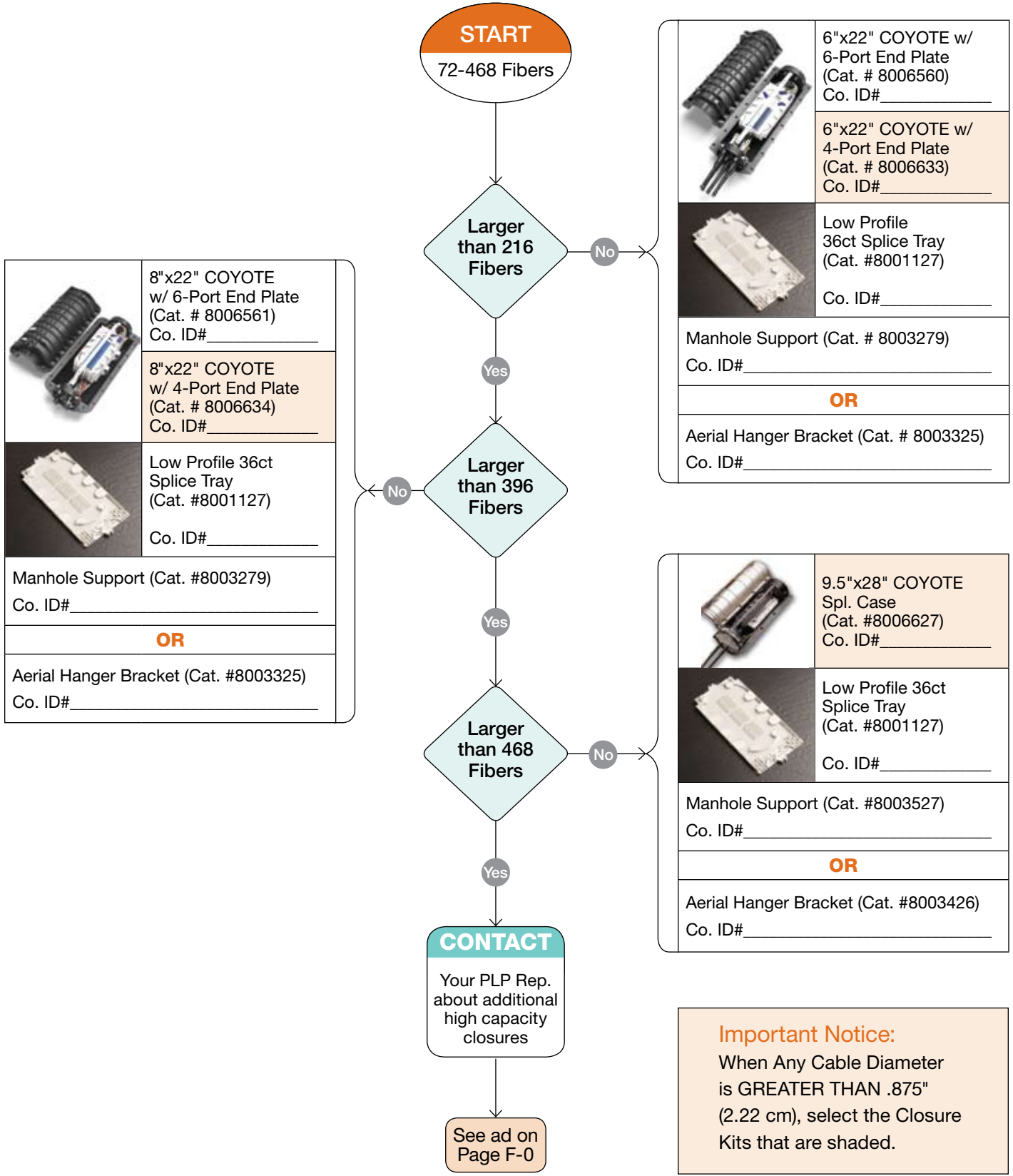
Section B

Butt Splice Applications with Buffer Tube Cable (0 to 72 Fibers)



Section B

Butt Splice Applications with Buffer Tube Cable (72 to 468 Fibers)



Important Notice:
When Any Cable Diameter is GREATER THAN .875" (2.22 cm), select the Closure Kits that are shaded.

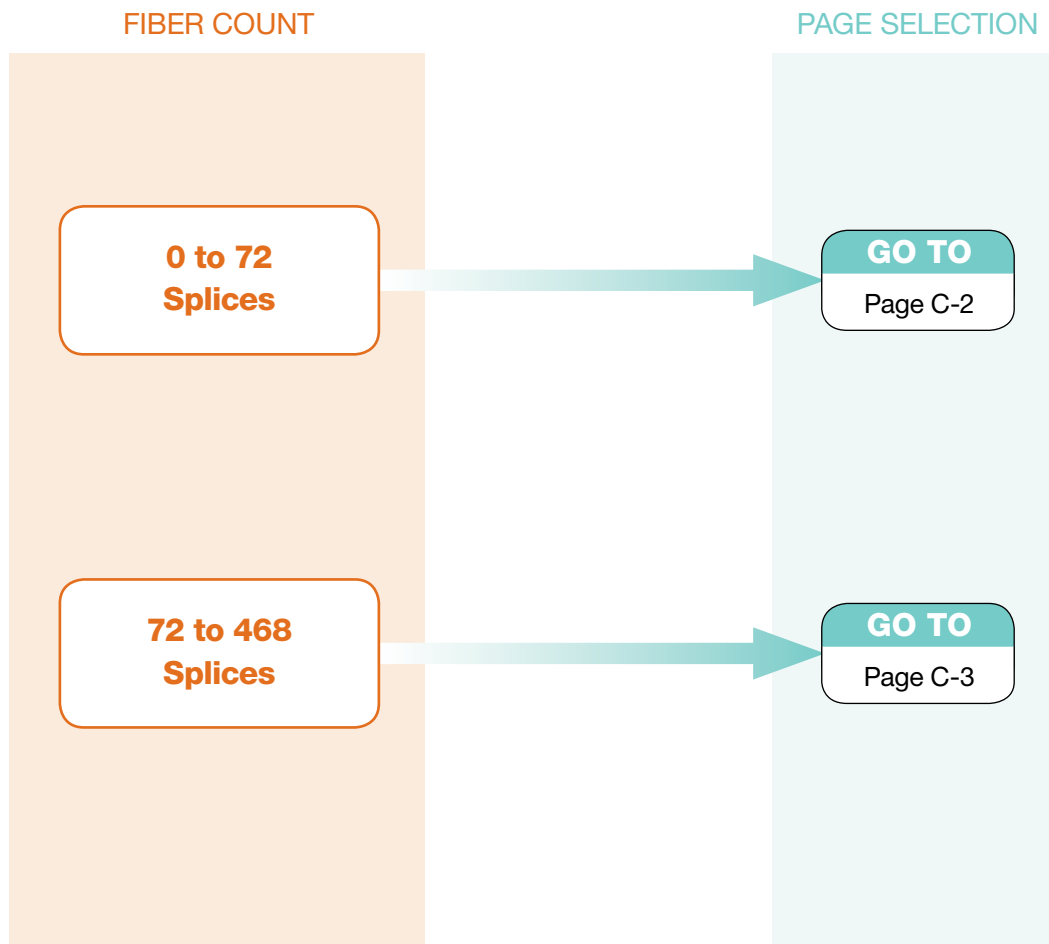
Section C

CABLE TYPE

Core Tube (Cut Cables)

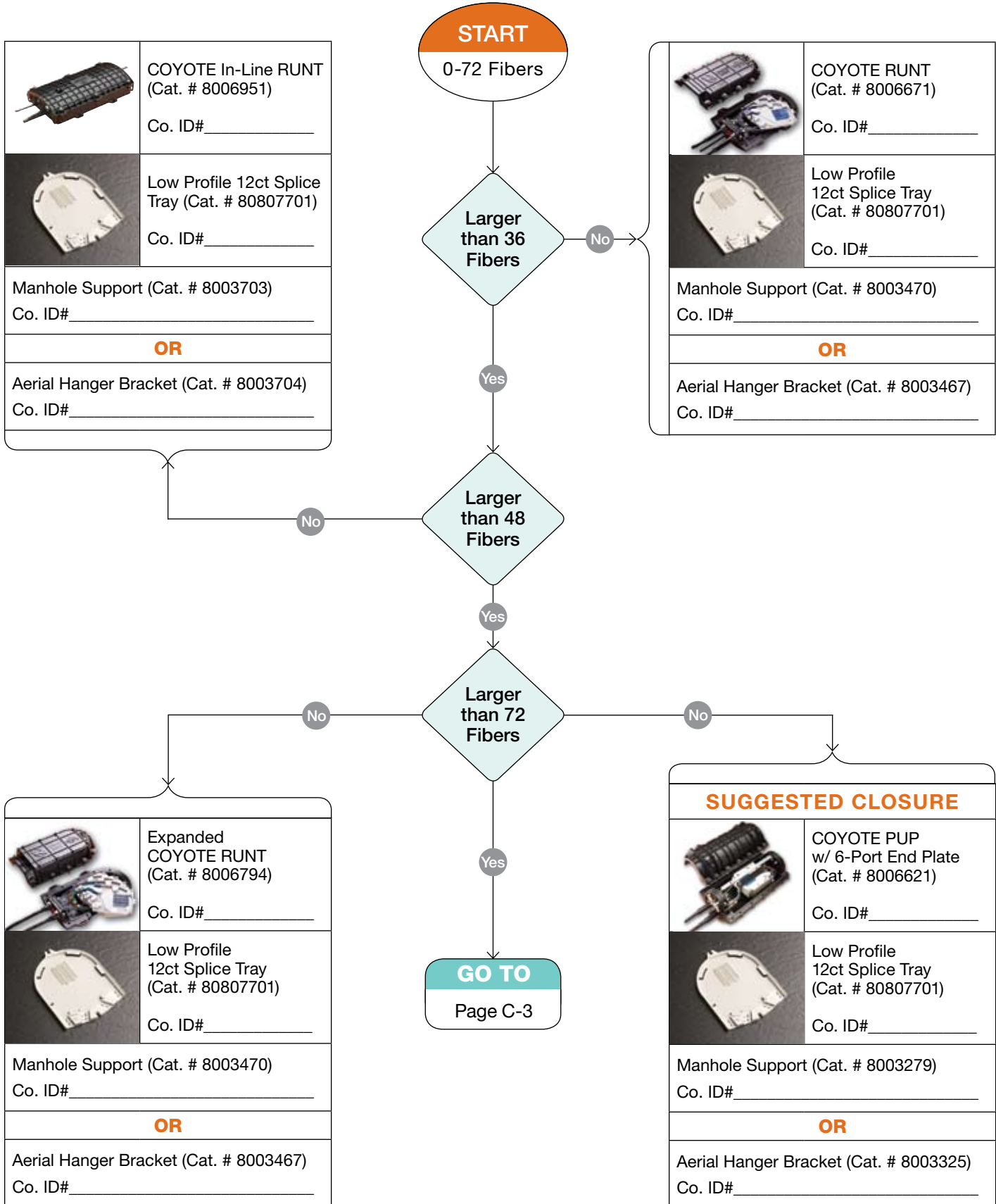
SPLICE METHOD

Butt Splice Single Fusion



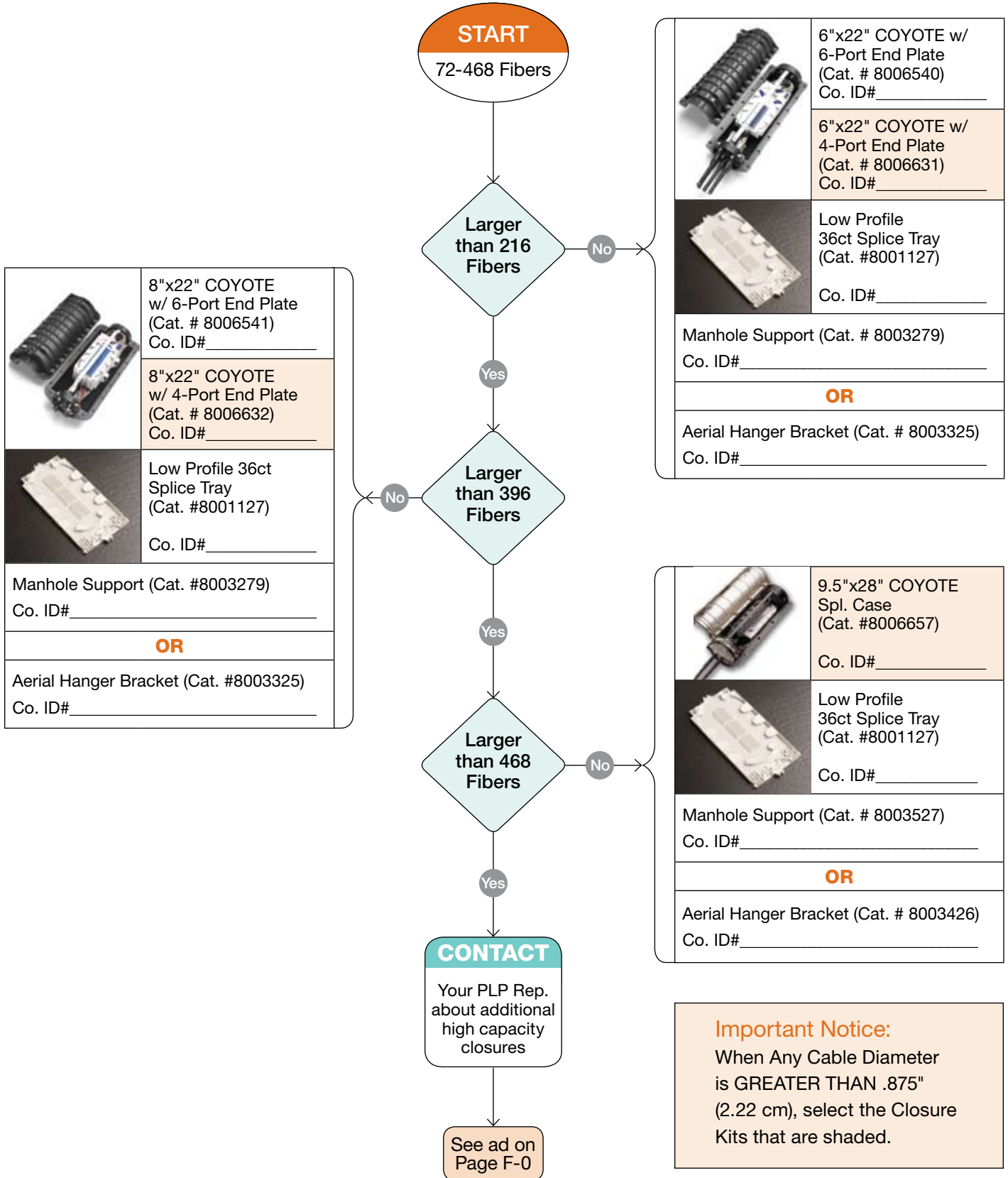
Section C

Butt Splice Applications with Core Tube Cable (0 to 72 Fibers)



Section C

Butt Splice Applications with Core Tube Cable (72 to 468 Fibers)



Important Notice:
When Any Cable Diameter is GREATER THAN .875" (2.22 cm), select the Closure Kits that are shaded.

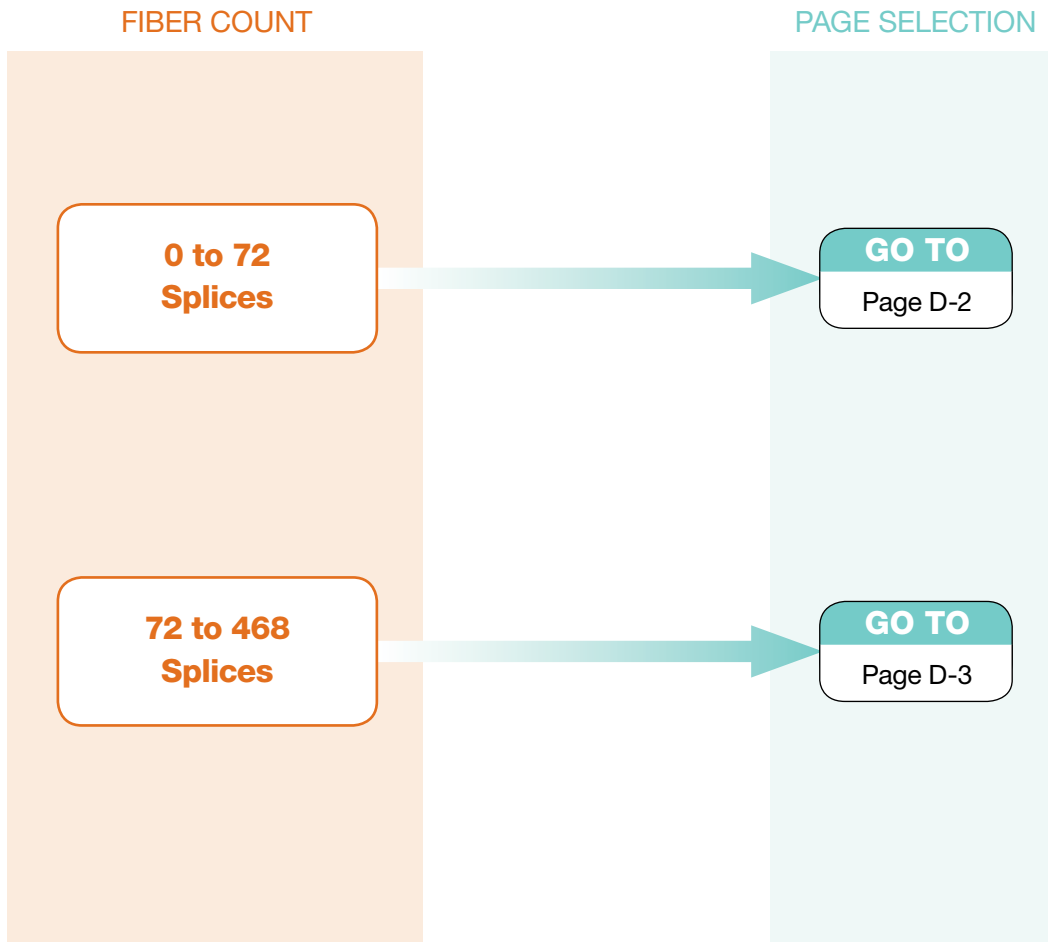
Section D

CABLE TYPE

Core Tube
(Expressed Cable)

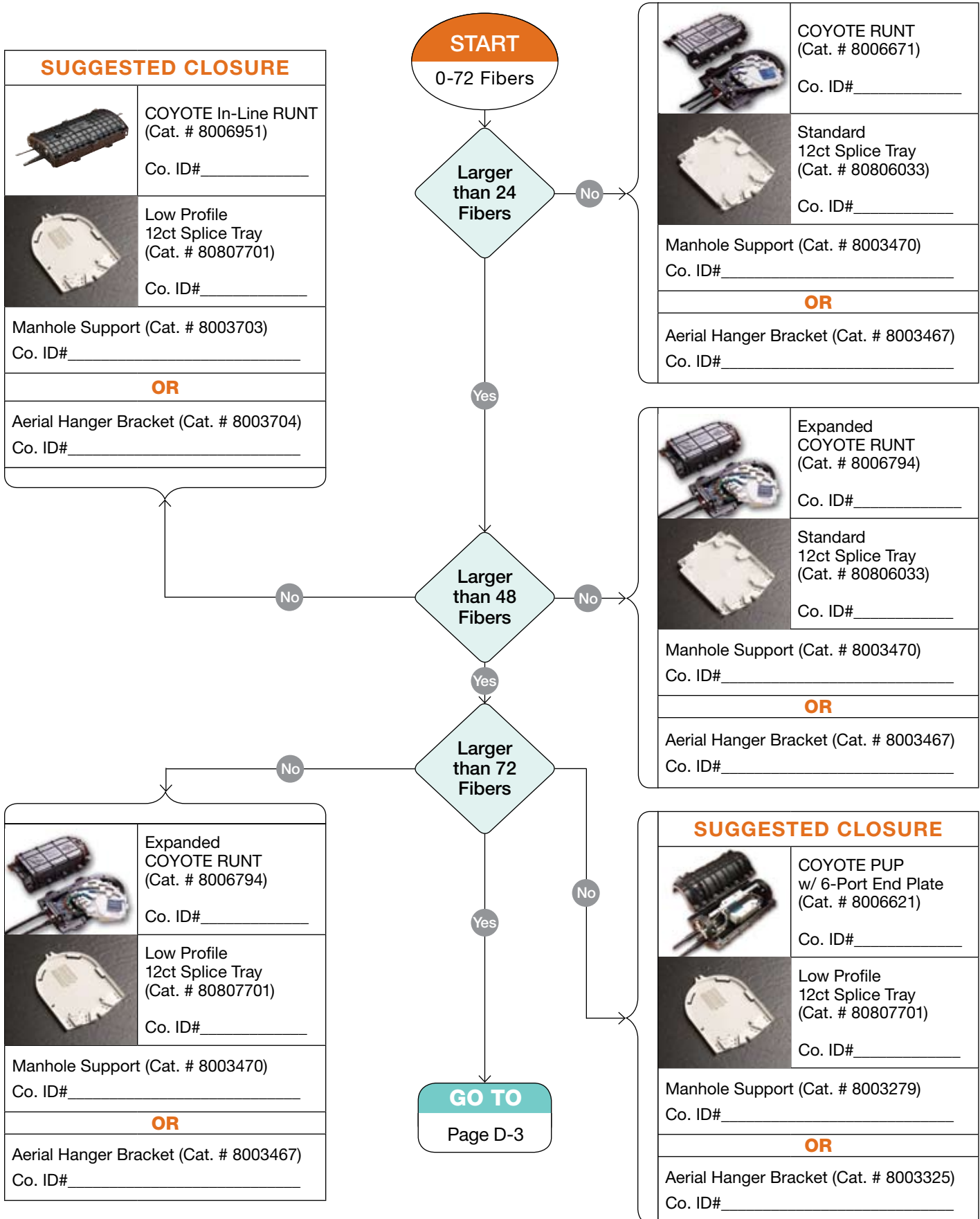
SPLICE METHOD

Butt Splice Single Fusion



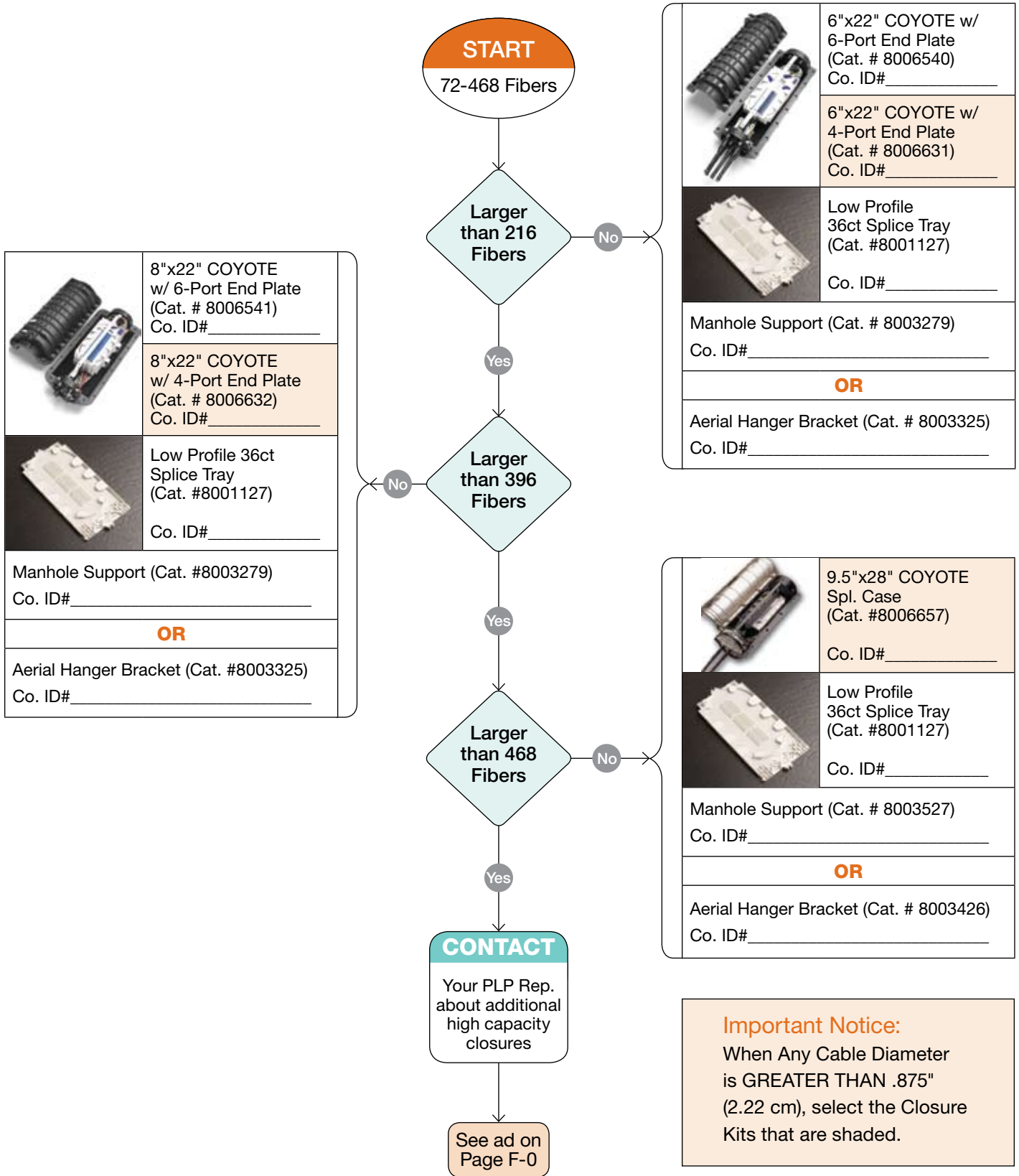
Section D

Butt Splice Applications with Core Tube Cable (0 to 72 Fibers)



Section D

Butt Splice Applications with Core Tube Cable (72 to 468 Fibers)



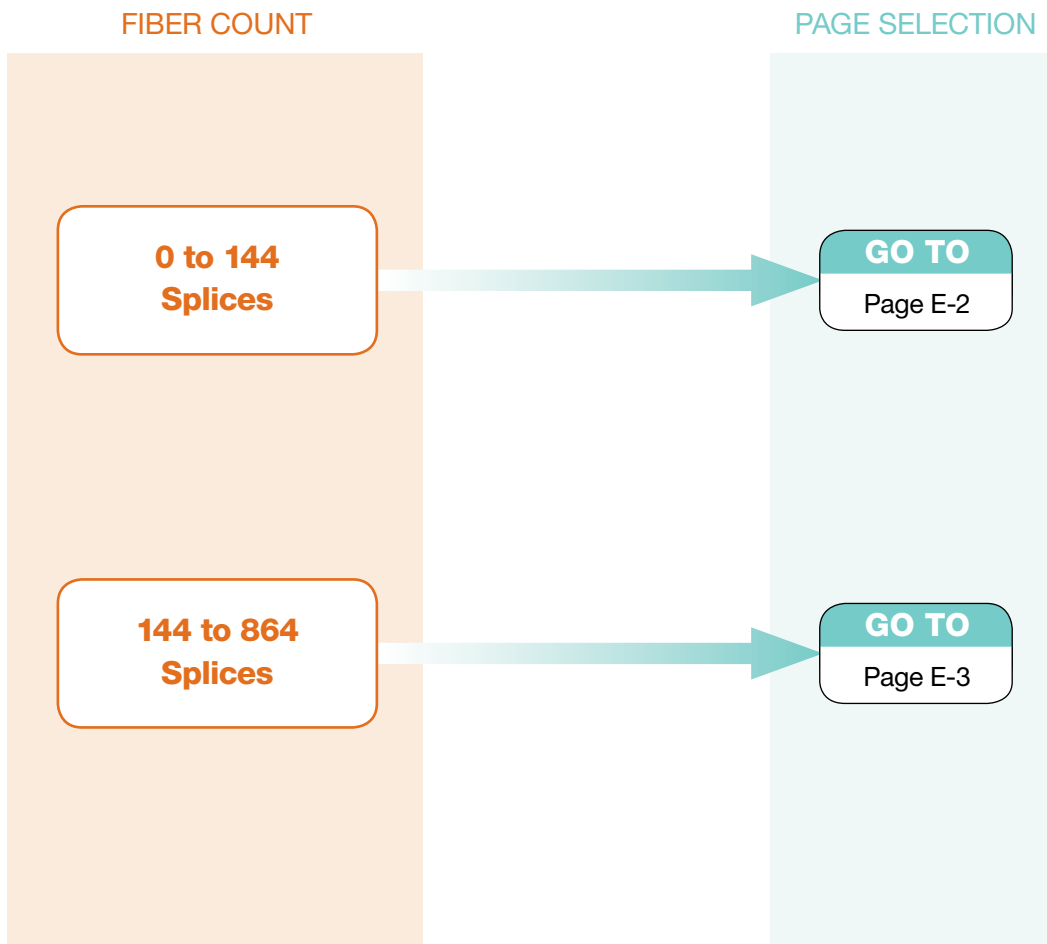
Important Notice:

When Any Cable Diameter is GREATER THAN .875" (2.22 cm), select the Closure Kits that are shaded.

Section E

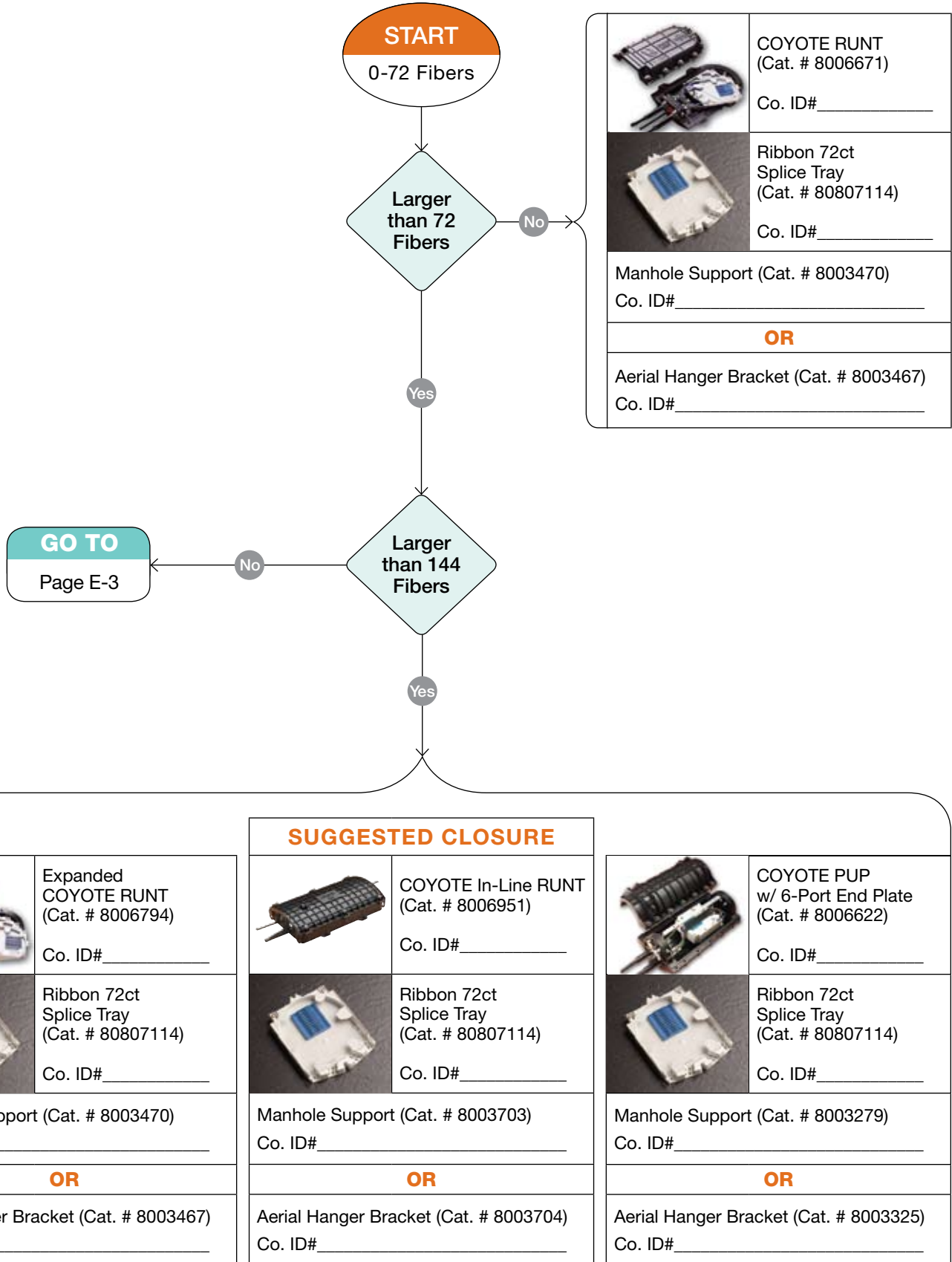
CABLE TYPE
Core Tube

SPLICE METHOD
Butt Splice Ribbon



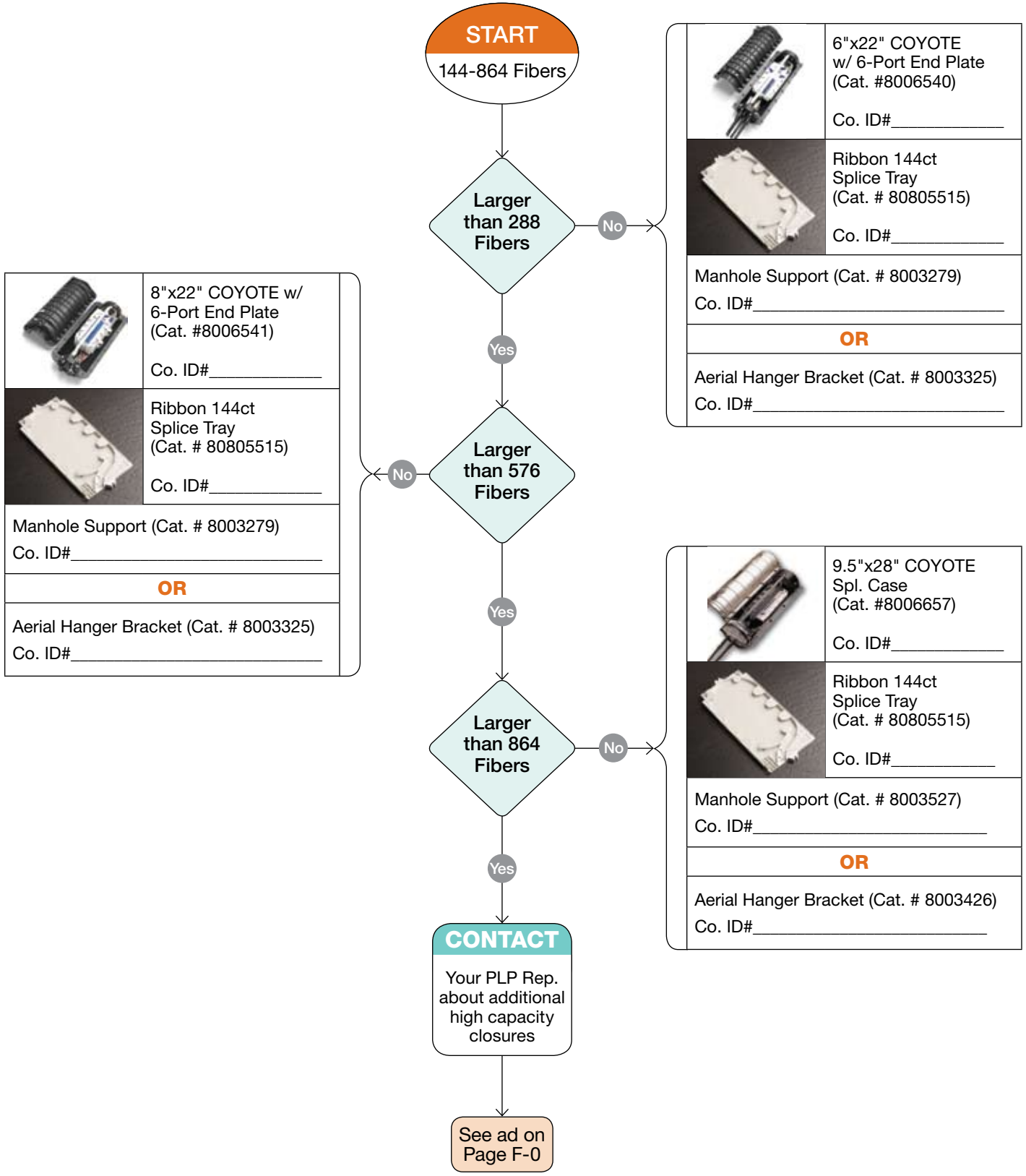
Section E

Butt Splice Applications with Core Tube Cable (0 to 144 Fibers) Ribbon



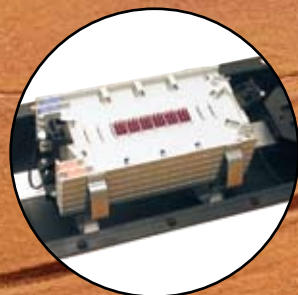
Section E

Butt Splice Applications with Core Tube Cable (144 to 864 Fibers) Ribbon



MAXIMUM CAPACITY

FOR DOME CLOSURE APPLICATIONS.



COYOTE[®]
FIBER OPTICS

COYOTE Large Capacity Dome Closure

- Versatile end plate system allows for conversion to in-line applications in 28", 38" and 45" lengths
- Utilizes the same craft friendly family of splice trays, grommets and accessories used in the existing family of COYOTE Closures
- Provides seven cable entry points allowing for maximum flexibility in cable configuration
- Capable of addressing high splice capacities (864+)

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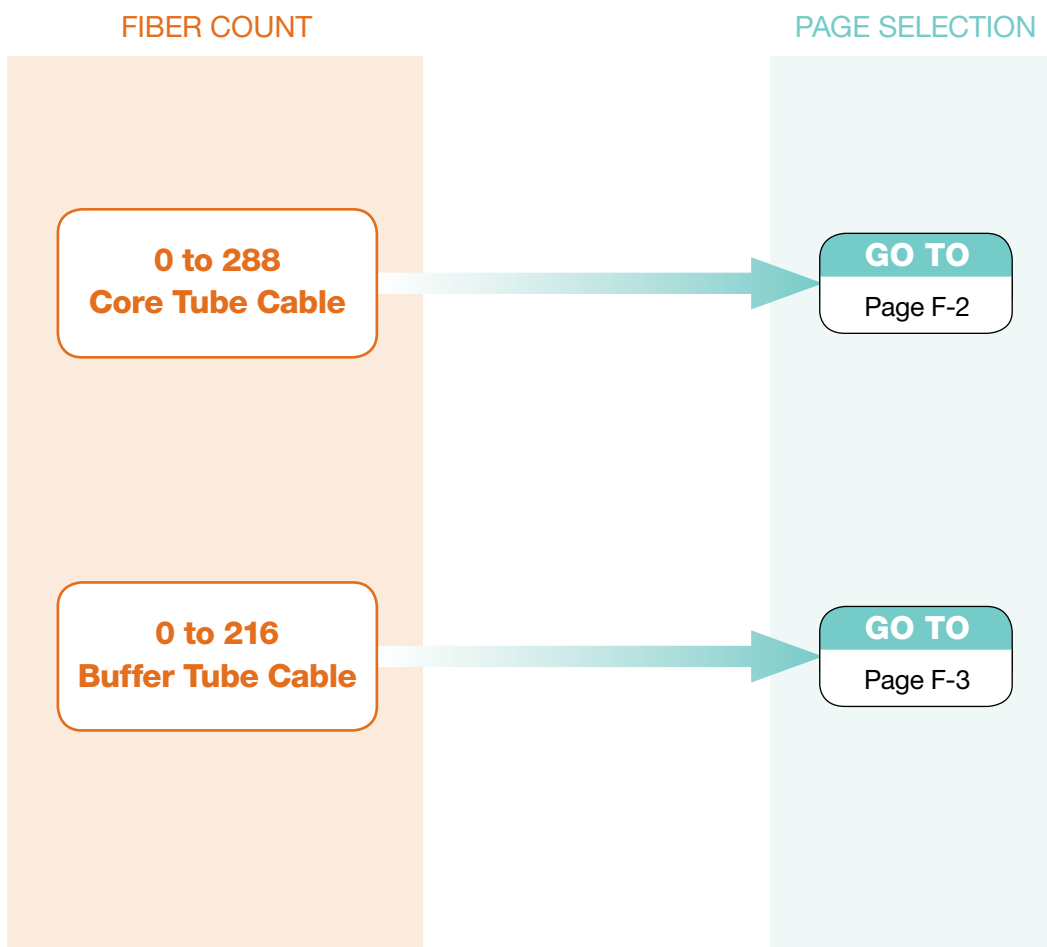
Section F – Dome Closures

CABLE TYPE

Core Tube and/or
Buffer Tube

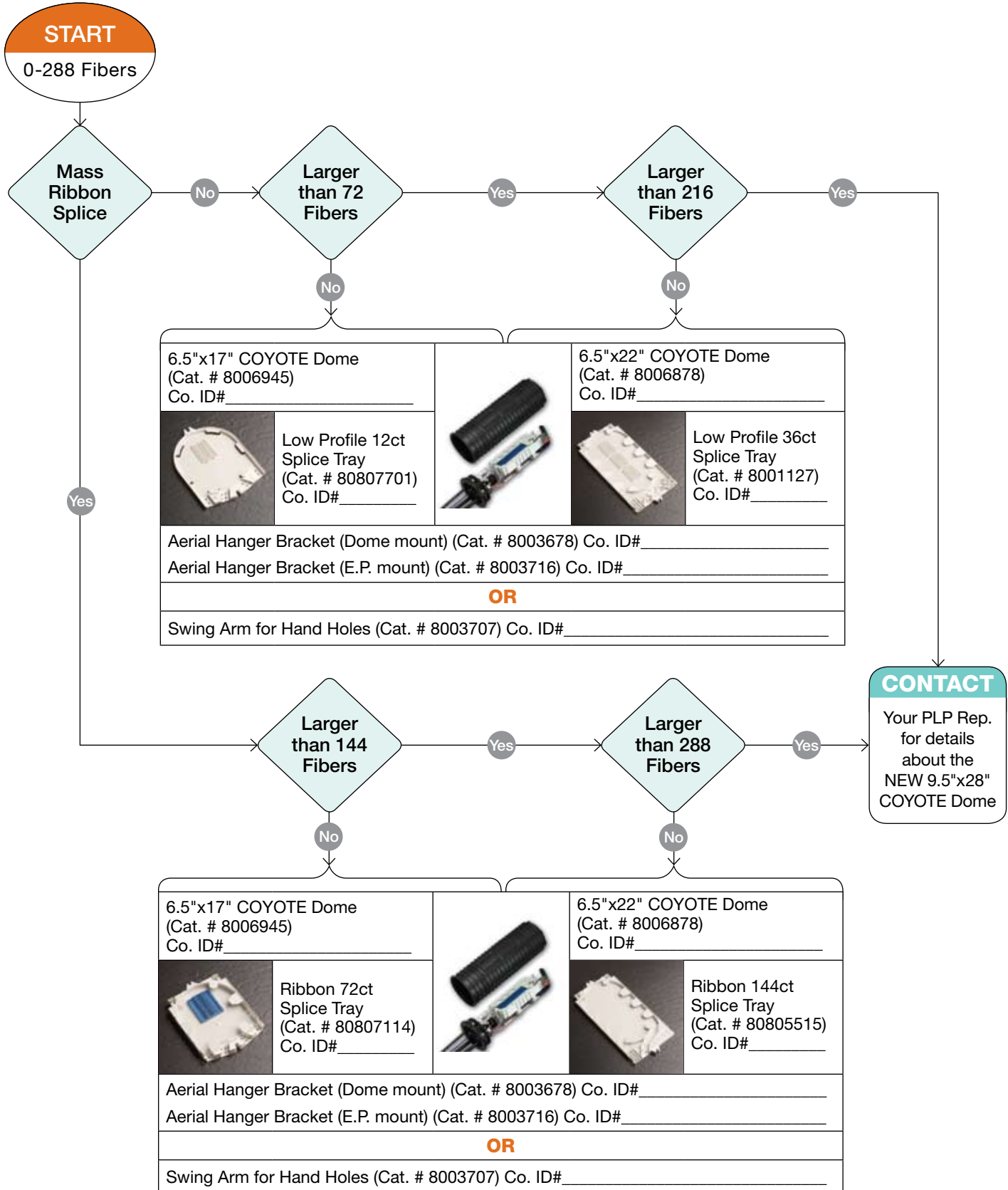
SPLICE METHOD

Butt Splice Single Fusion
and/or Mass Fusion



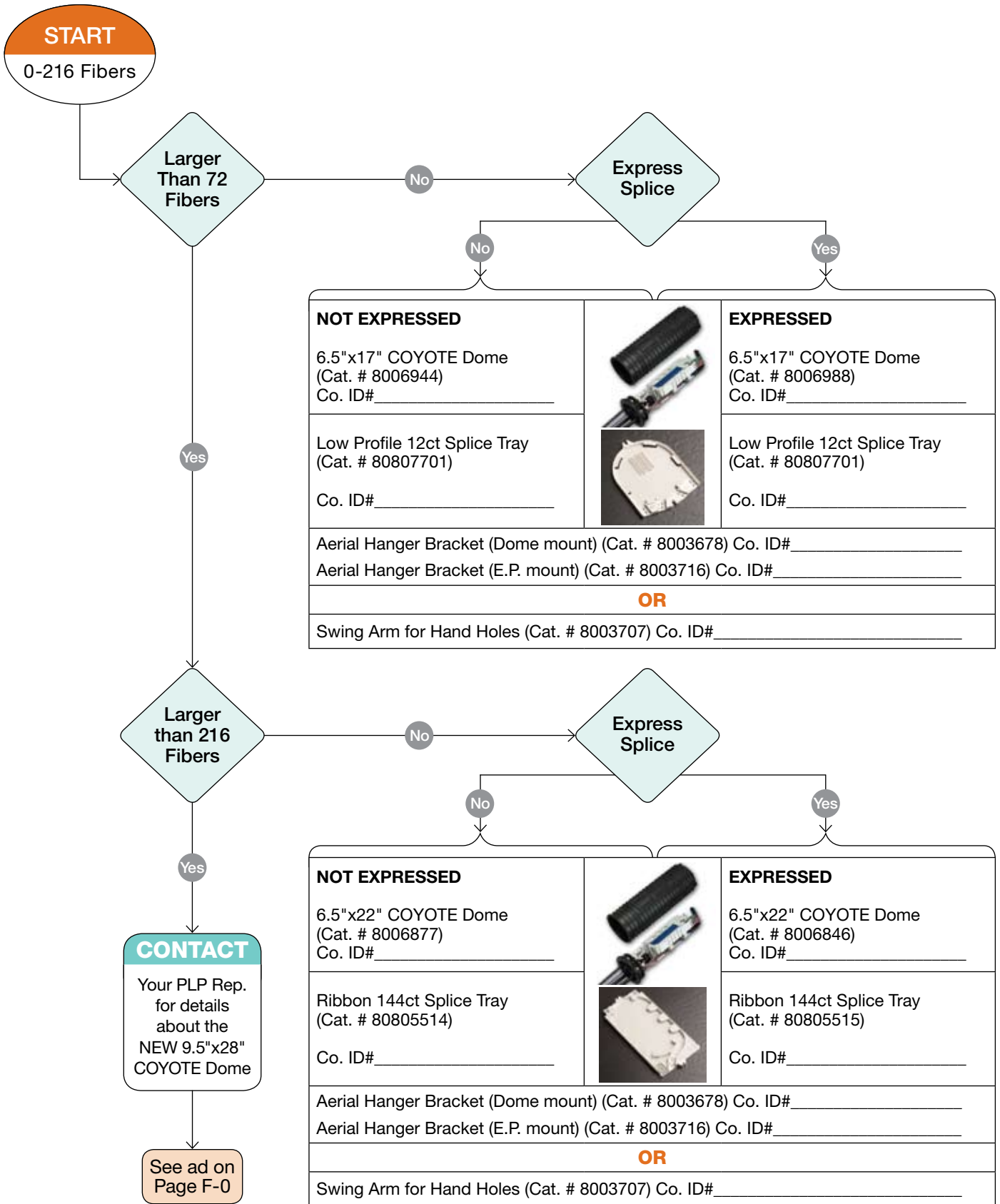
Section F

Dome Closure with Core Tube Cable (0 to 288 Fibers)



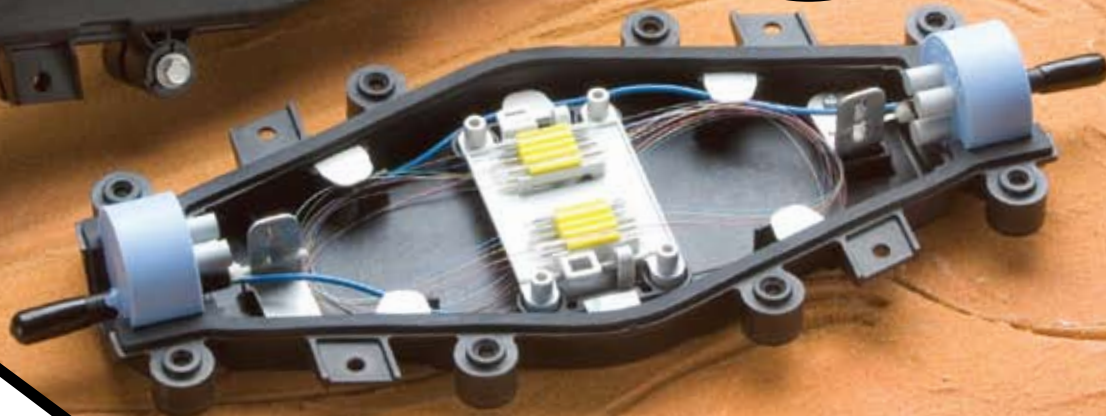
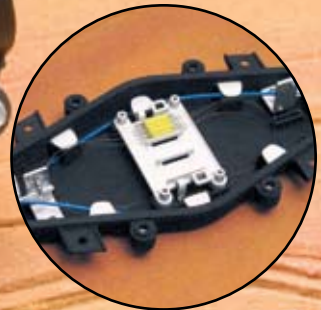
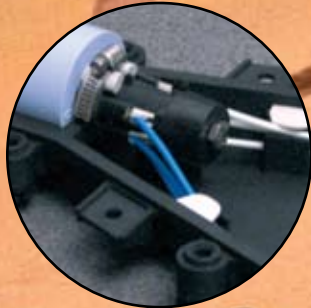
Section F

Dome Closure with Buffer Tube Cable (0 to 216 Fibers)



MAXIMUM VERSATILITY

NOW COMES IN A SMALL PACKAGE.



COYOTE[®]
FIBER OPTICS

COYOTE LCC (Low Count Closure)

- For repair of low fiber count installations
- Compact size: 14"L x 7"W x 2.5"D
- Accepts a maximum of 24 splices
- Utilizes the same craft-friendly grommet sealing system as COYOTE Dome Closures

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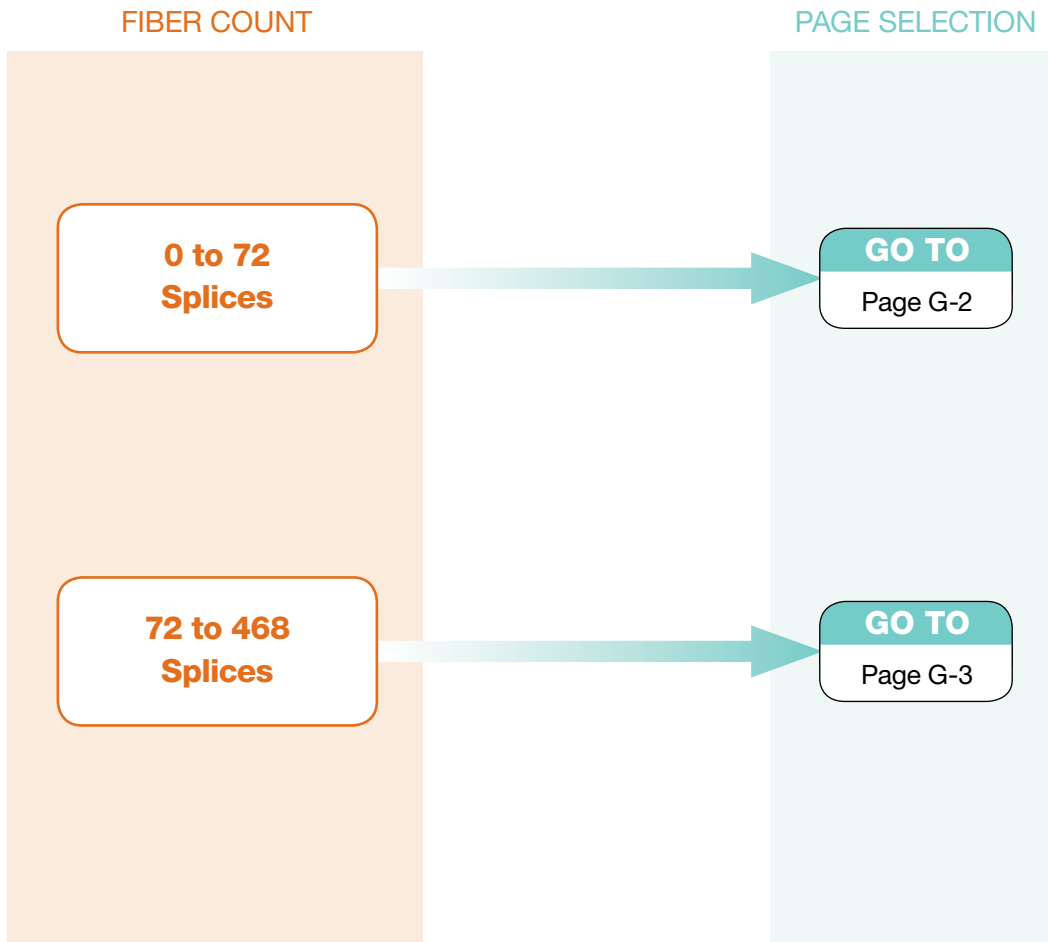
Section G

CABLE TYPE

Buffer Type (Expressed)

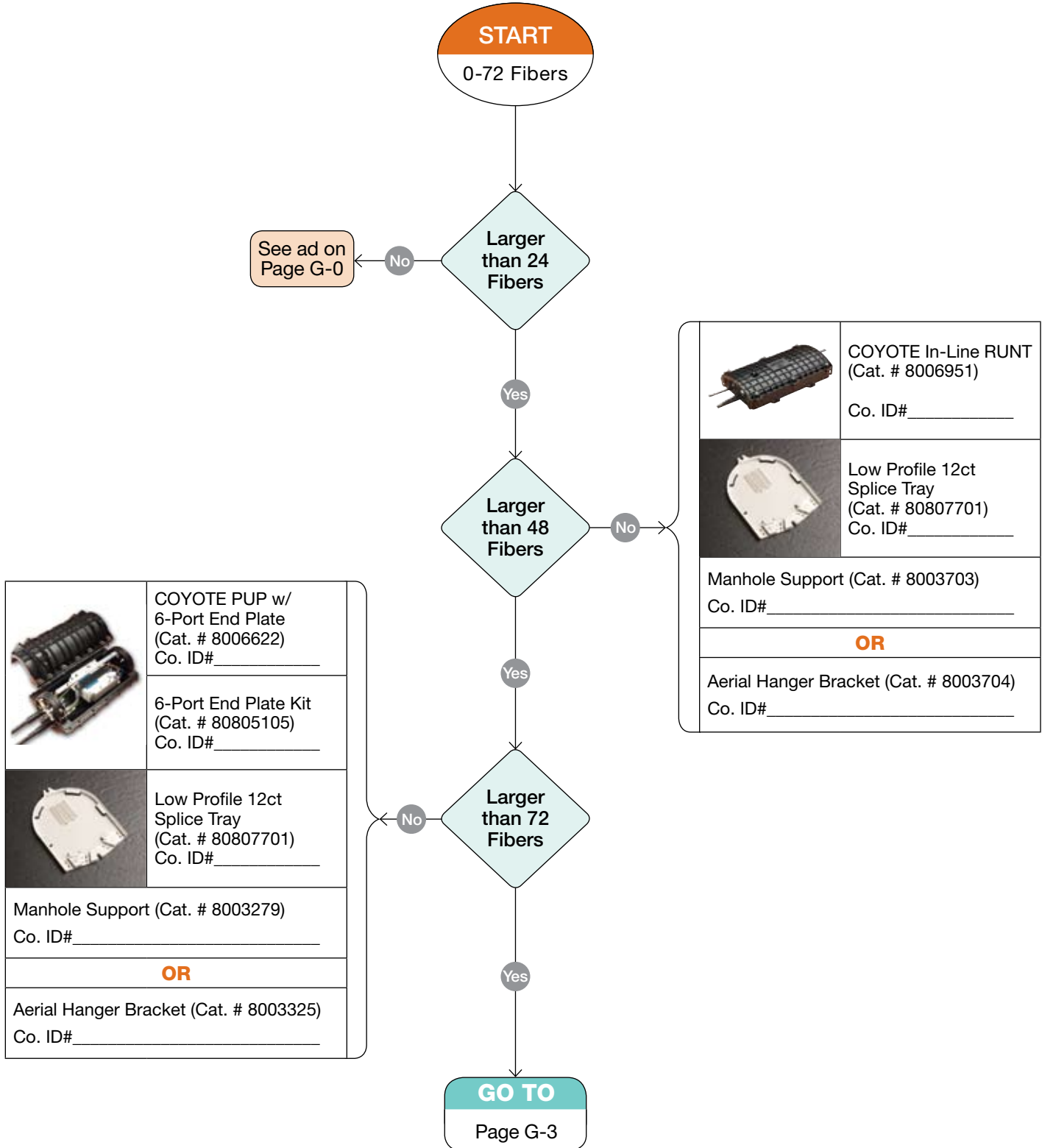
SPLICE METHOD

Inline Splice
Single Fusion



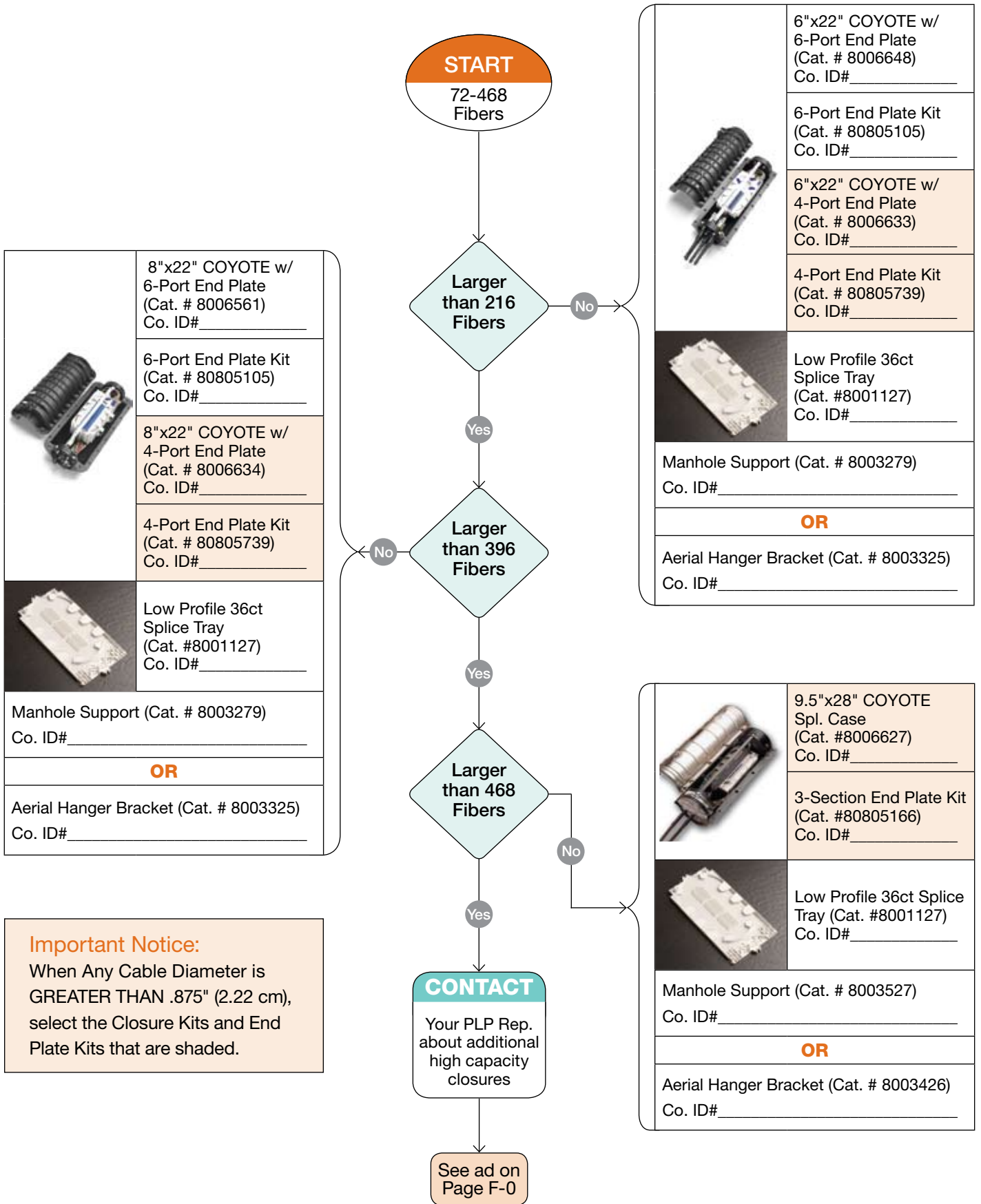
Section G

Inline Splice Applications with Buffer Tube Cable (0 to 72 Fibers)



Section G

Inline Splice Applications with Buffer Tube Cable (72 to 468 Fibers)



| | |
|---|---|
| | 8"x22" COYOTE w/ 6-Port End Plate (Cat. # 8006561) Co. ID# _____ |
| | 6-Port End Plate Kit (Cat. # 80805105) Co. ID# _____ |
| | 8"x22" COYOTE w/ 4-Port End Plate (Cat. # 8006634) Co. ID# _____ |
| | 4-Port End Plate Kit (Cat. # 80805739) Co. ID# _____ |
| | Low Profile 36ct Splice Tray (Cat. #8001127) Co. ID# _____ |
| | Manhole Support (Cat. # 8003279) Co. ID# _____ |
| OR | |
| Aerial Hanger Bracket (Cat. # 8003325) Co. ID# _____ | |

| | |
|---|---|
| | 6"x22" COYOTE w/ 6-Port End Plate (Cat. # 8006648) Co. ID# _____ |
| | 6-Port End Plate Kit (Cat. # 80805105) Co. ID# _____ |
| | 6"x22" COYOTE w/ 4-Port End Plate (Cat. # 8006633) Co. ID# _____ |
| | 4-Port End Plate Kit (Cat. # 80805739) Co. ID# _____ |
| | Low Profile 36ct Splice Tray (Cat. #8001127) Co. ID# _____ |
| | Manhole Support (Cat. # 8003279) Co. ID# _____ |
| OR | |
| Aerial Hanger Bracket (Cat. # 8003325) Co. ID# _____ | |

| | |
|---|--|
| | 9.5"x28" COYOTE Spl. Case (Cat. #8006627) Co. ID# _____ |
| | 3-Section End Plate Kit (Cat. #80805166) Co. ID# _____ |
| | Low Profile 36ct Splice Tray (Cat. #8001127) Co. ID# _____ |
| | Manhole Support (Cat. # 8003527) Co. ID# _____ |
| OR | |
| Aerial Hanger Bracket (Cat. # 8003426) Co. ID# _____ | |

Important Notice:
When Any Cable Diameter is
GREATER THAN .875" (2.22 cm),
select the Closure Kits and End
Plate Kits that are shaded.

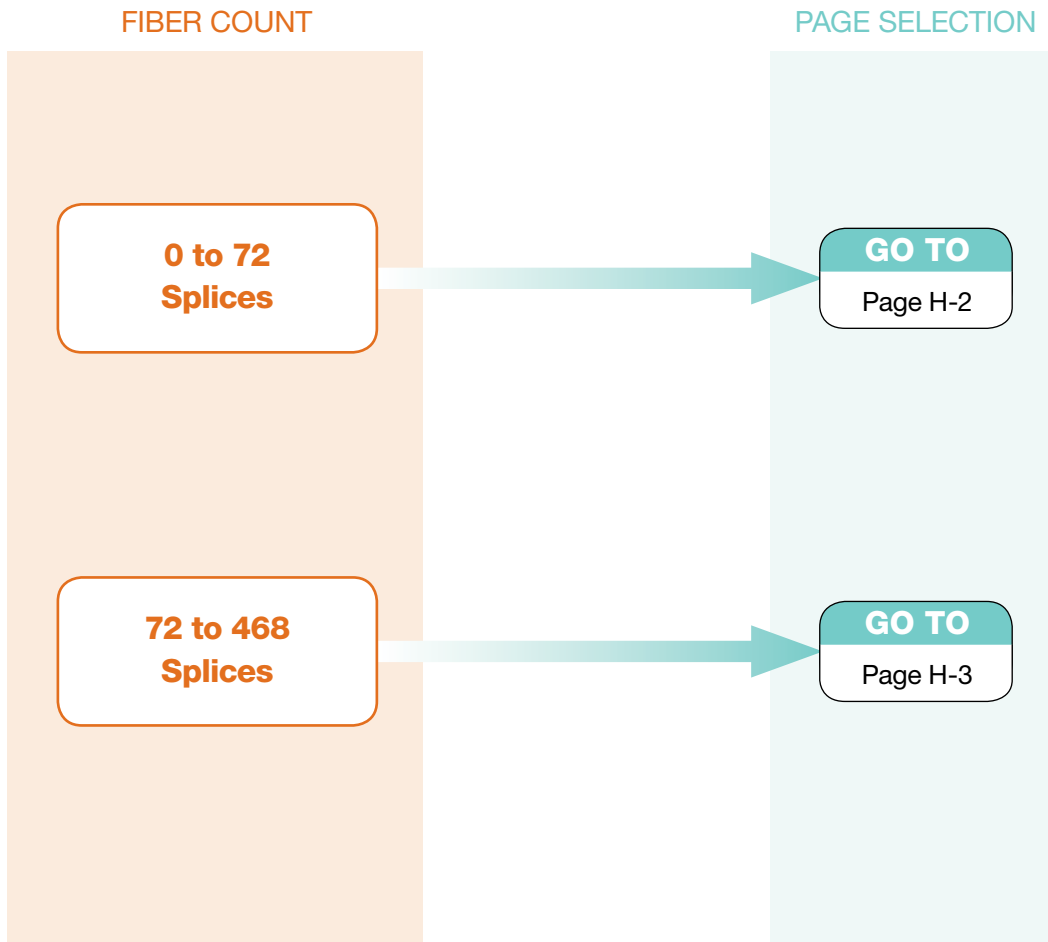
Section H

CABLE TYPE

Buffer Type (Cut Cable)

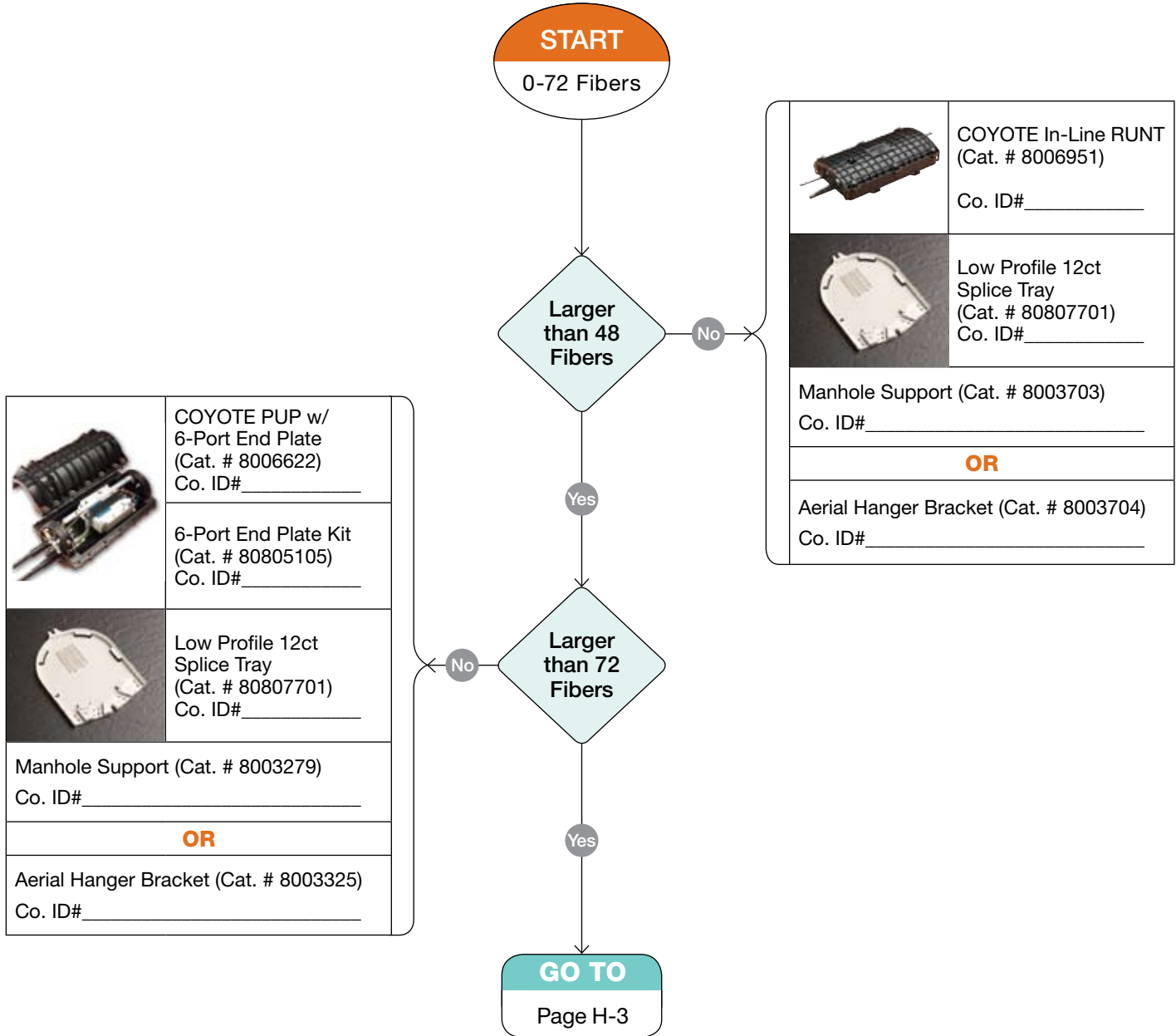
SPLICE METHOD

Inline Splice
Single Fusion



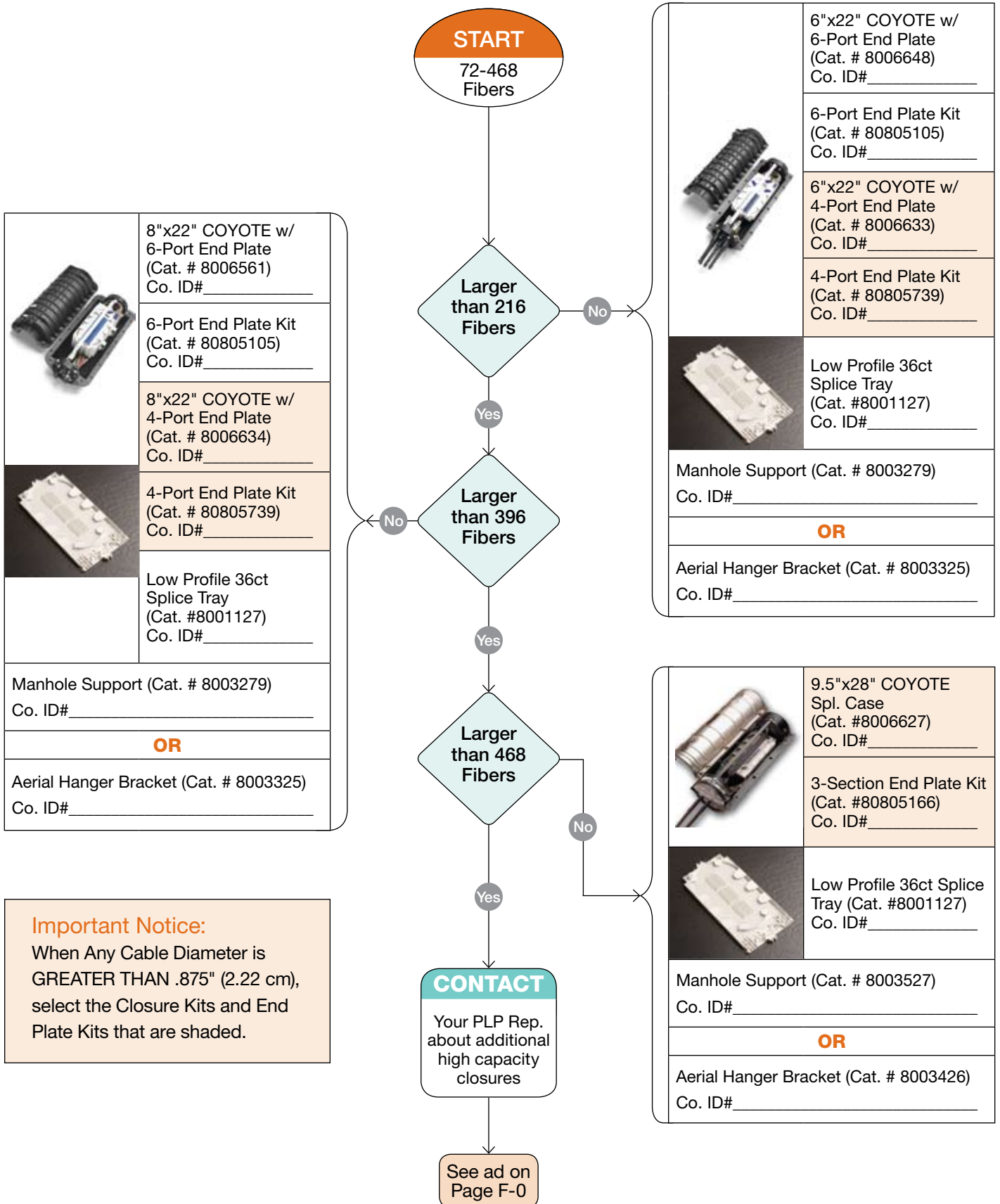
Section H

Inline Splice Applications with Buffer Tube Cable (0 to 72 Fibers)



Section H

Inline Splice Applications with Buffer Tube Cable (72 to 468 Fibers)



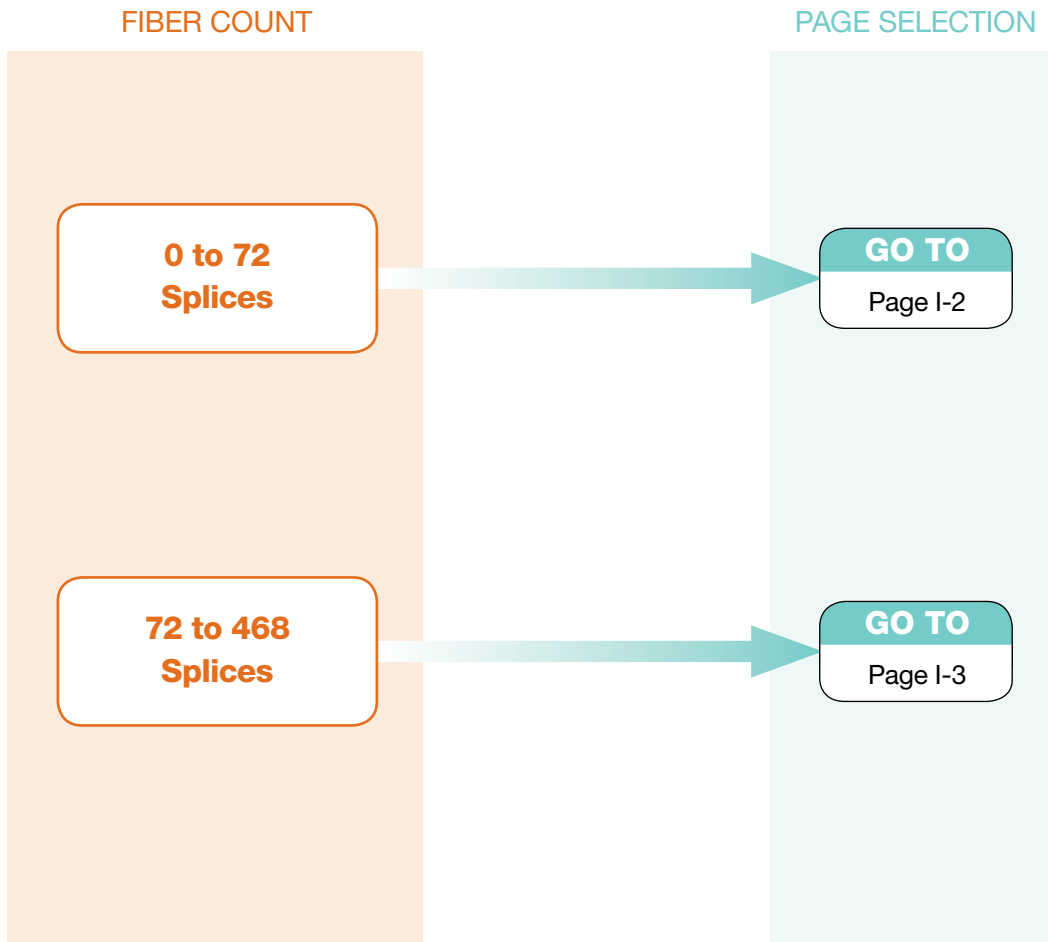
Important Notice:

When Any Cable Diameter is GREATER THAN .875" (2.22 cm), select the Closure Kits and End Plate Kits that are shaded.

Section I

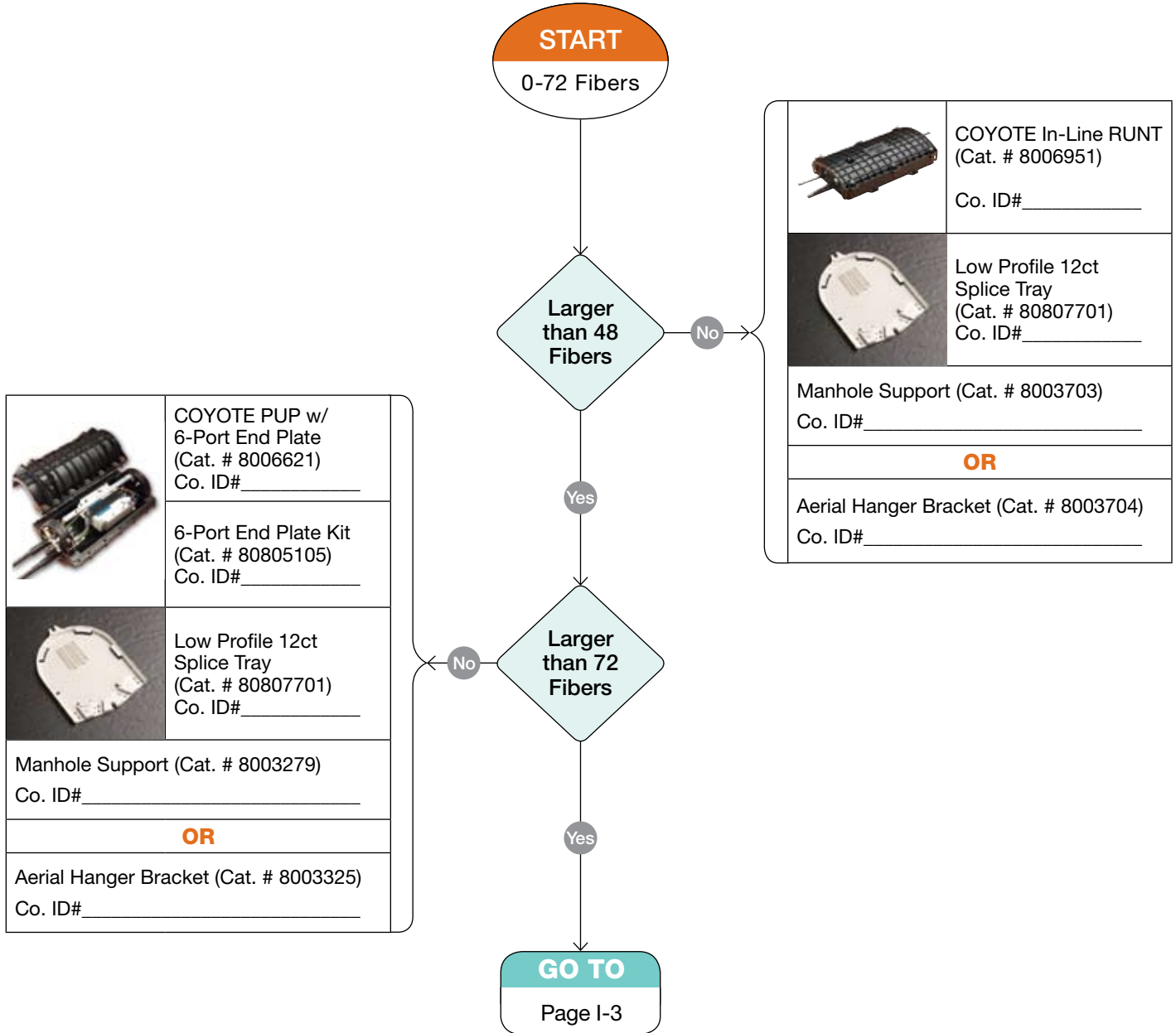
CABLE TYPE
Core Type (Cut Cable)

SPLICE METHOD
Inline Splice
Single Fusion



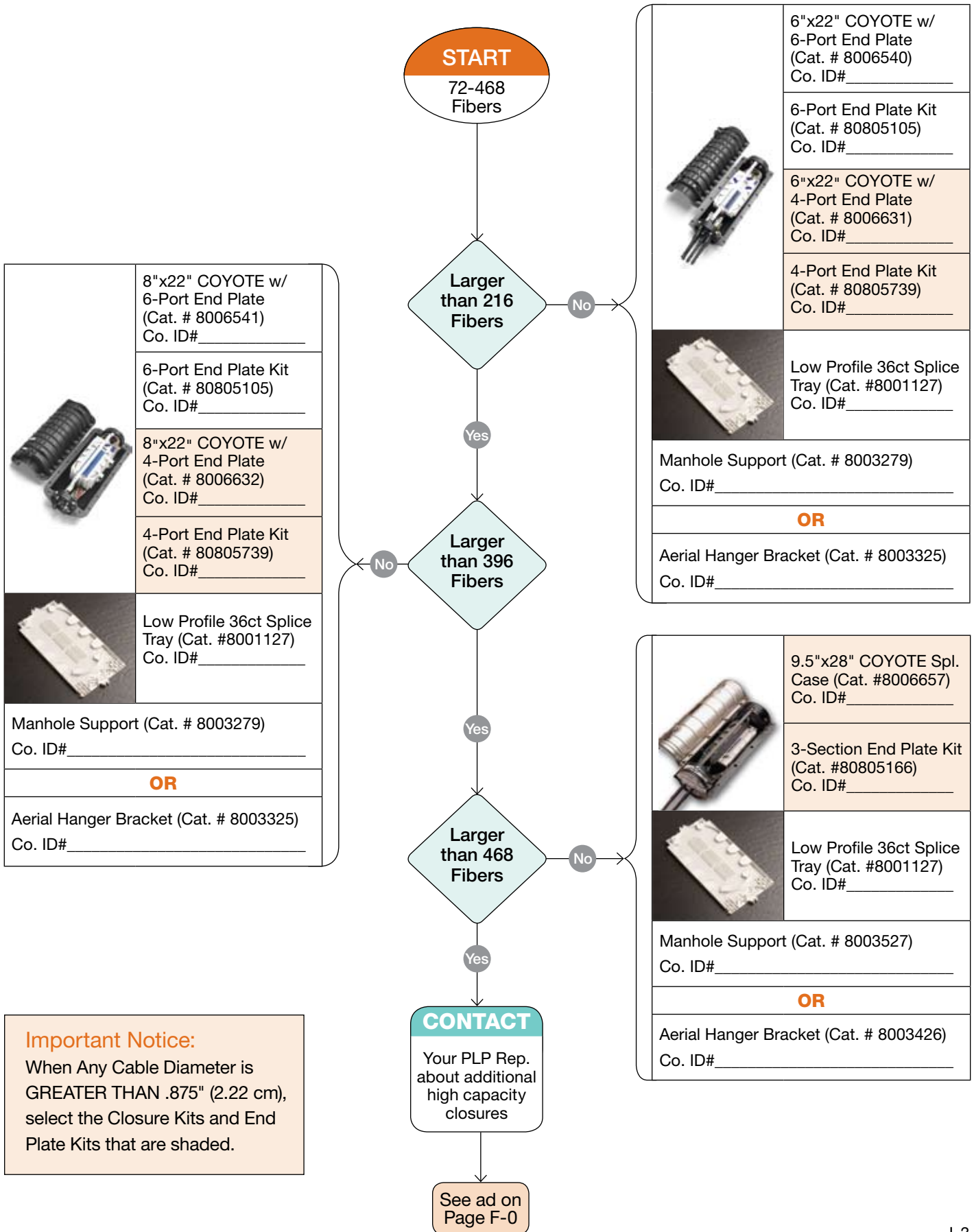
Section I

Inline Splice Applications with Core Tube Cable (0 to 72 Fibers)



Section I

Inline Splice Applications with Core Tube Cable (72 to 468 Fibers)



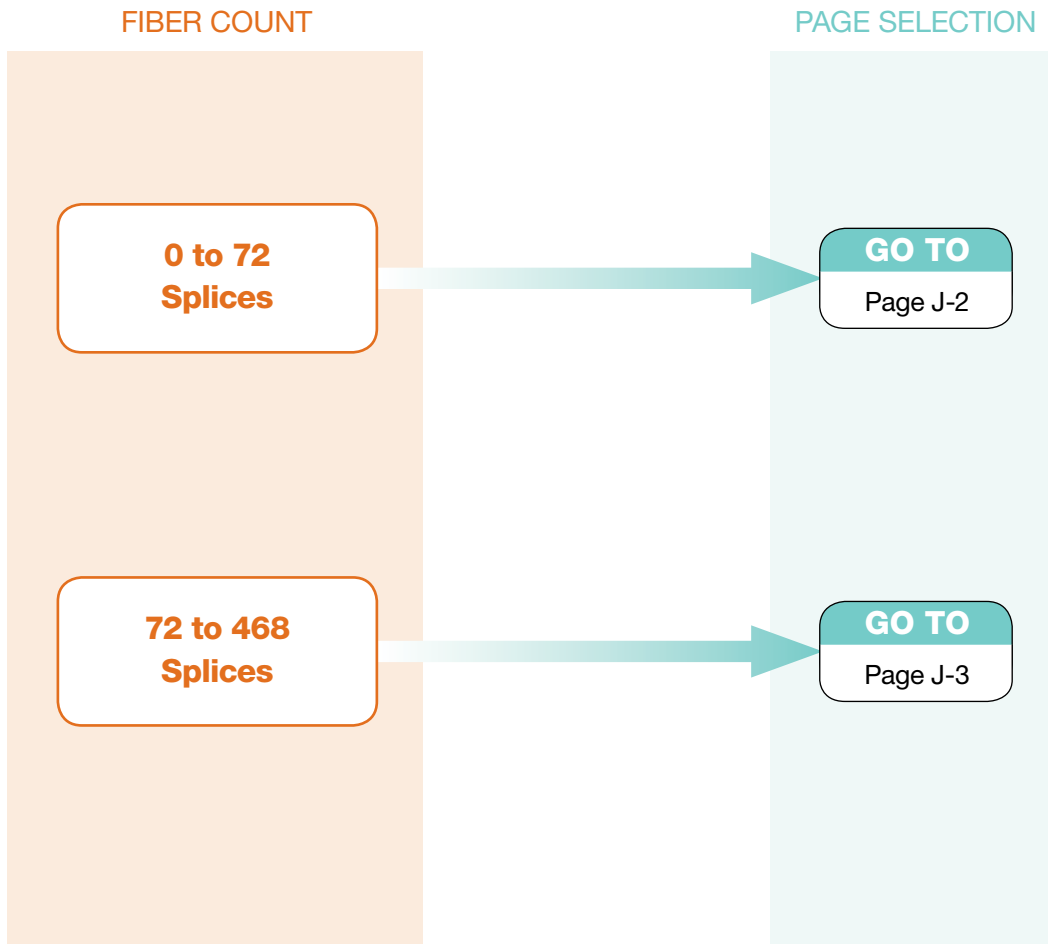
Section J

CABLE TYPE

Core Type
(Expressed Cable)

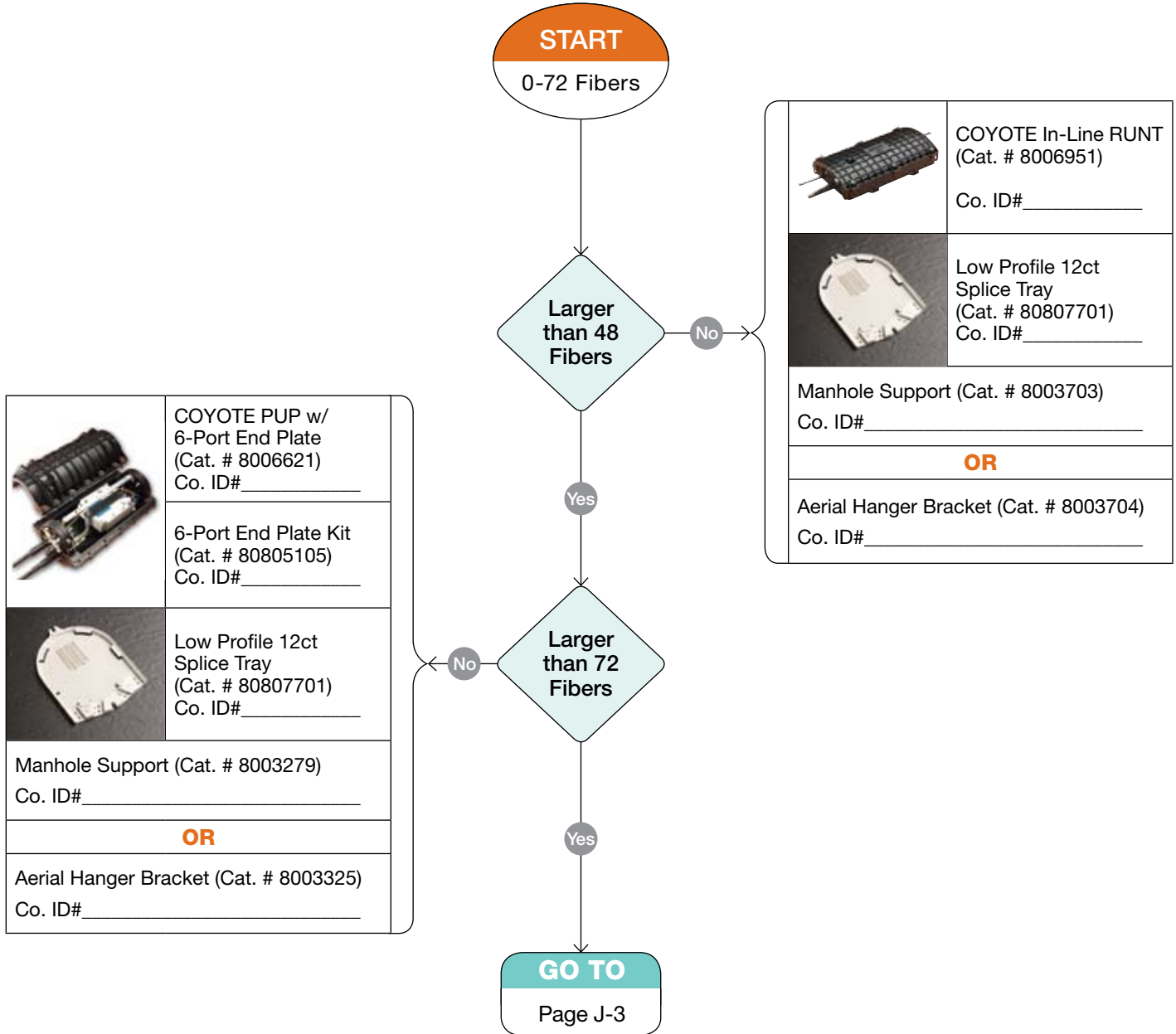
SPLICE METHOD

Inline Splice
Single Fusion



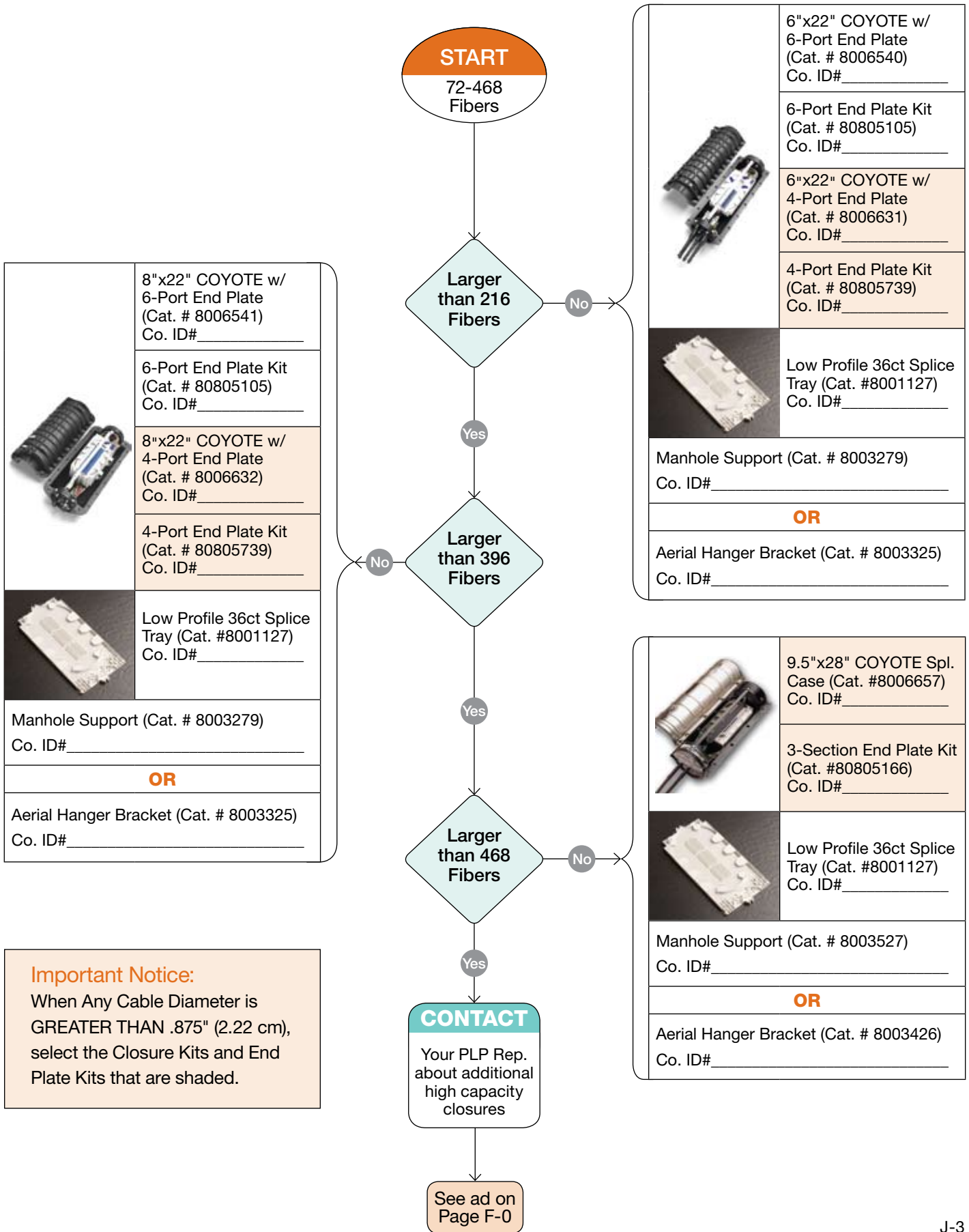
Section J

Inline Splice Applications with Core Tube Cable (0 to 72 Fibers)



Section J

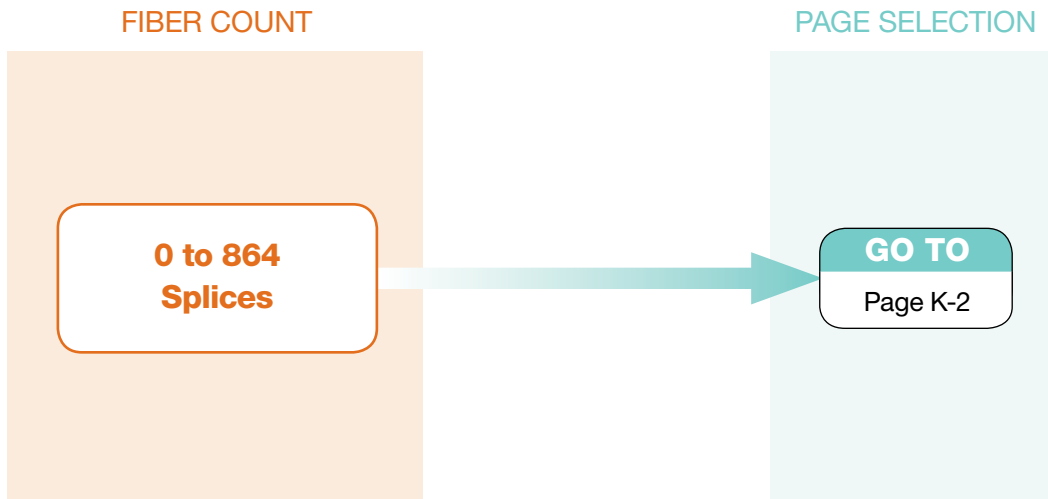
Inline Splice Applications with Core Tube Cable (72 to 468 Fibers)



Section K

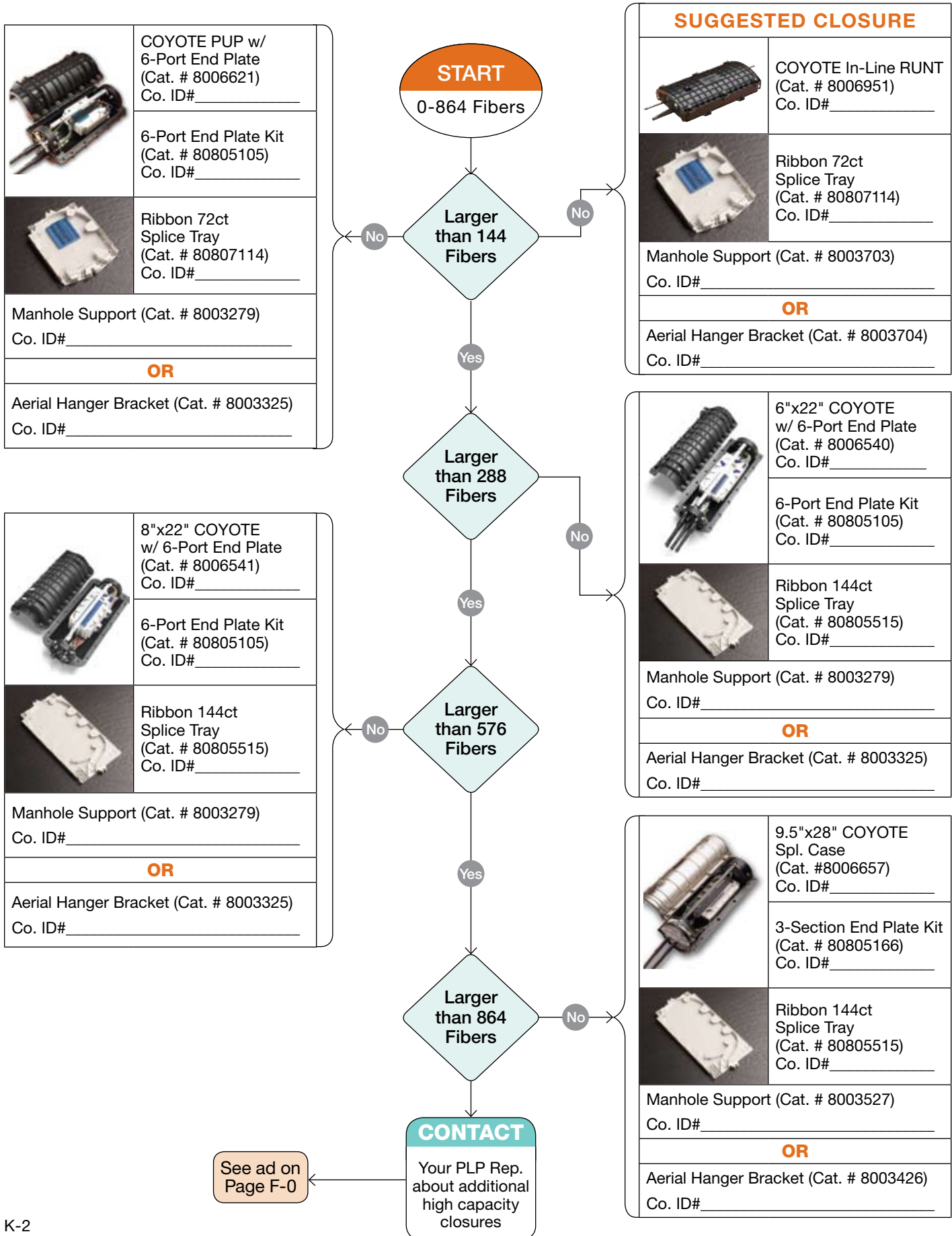
CABLE TYPE
Core Type

SPLICE METHOD
Inline Splice Ribbon

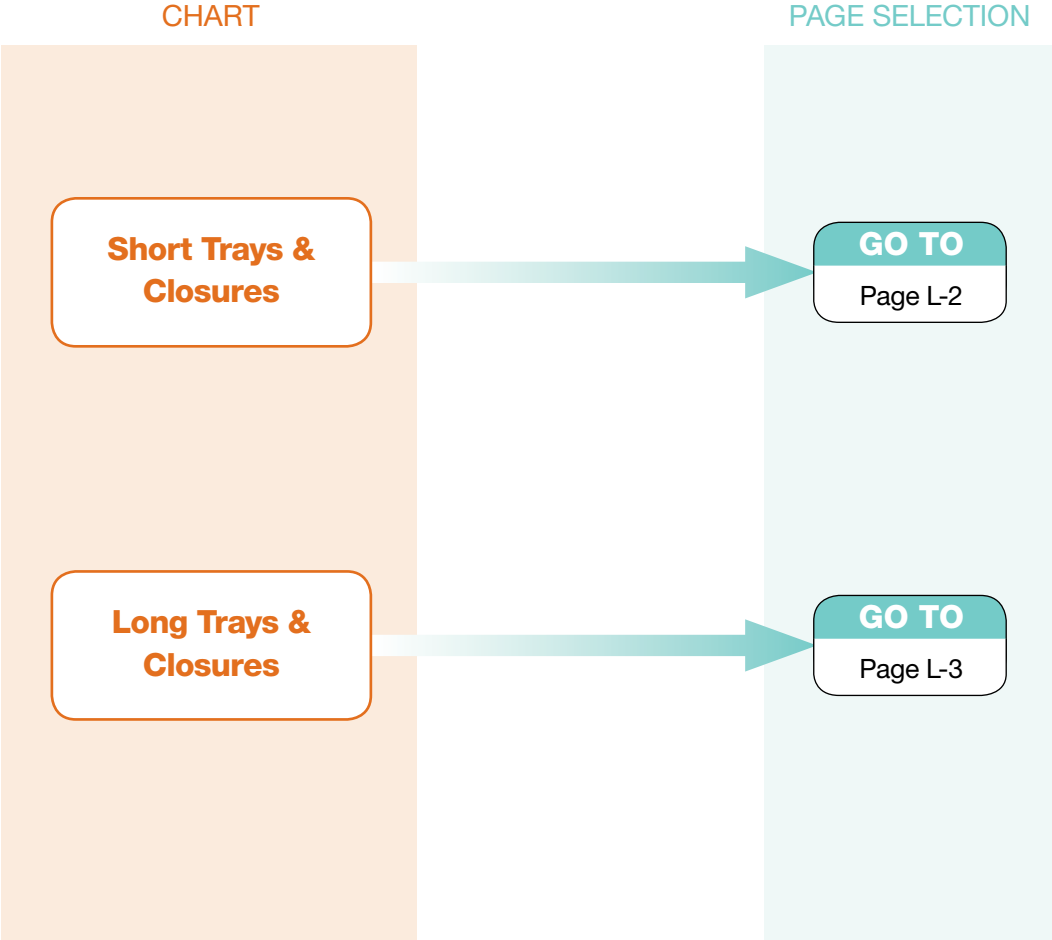


Section K

Inline Splice Applications with Core Tube Cable (0 to 864 Fibers) Ribbon Splice






Section L – Splice Tray and Closure Capacity Charts



Section L

Short Trays and Closures

| Short Splice Trays & Closures |  COYOTE RUNT |  COYOTE Expanded RUNT |  COYOTE In-Line RUNT |  COYOTE Terminal (Single Chamber) |  COYOTE Terminal (Dual Chamber)² |  6.5"x17" COYOTE Dome |  COYOTE PUP |
|---|---|--|---|--|---|--|--|
|  Low Profile Tray ¹ (12 splice count) Cat. # 80807701 (w/ splice blocks) or 8001130 (blank) | 3 Trays 36 Max Splice count | 6 Trays 72 Max Splice count | 4 Trays 48 Max Splice count | 4 Trays 48 Max Splice count | 8 Trays 96 Max Splice count | 6 Trays 72 Max Splice count | 6 Trays 72 Max Splice count |
|  Standard Tray (12 splice count) Cat. # 80806033 (w/ splice block) or 80806182 (blank) | 2 Trays 24 Max Splice count | 4 Trays 48 Max Splice count | 2 Trays 24 Max Splice count | 2 Trays 24 Max Splice count | 4 Trays 48 Max Splice count | 4 Trays 48 Max Splice count | 4 Trays 48 Max Splice count |
|  Ribbon Tray (72 splice count) Cat. # 80807114 (w/ splice block) or 80808160 (blank) | 1 Tray 72 Max Splice count | 2 Trays 144 Max Splice count | 2 Trays 144 Max Splice count | 2 Trays 144 Max Splice count | 4 Trays 288 Max Splice count | 3 Trays 216 Max Splice count | 2 Trays 144 Max Splice count |
|  LITE-GRIP Short Tray ³ (40 splice count) Cat. # LGSTS16 (Single Fusion) | 1 Tray 40 Max Splice count | 2 Trays 80 Max Splice count | 2 Trays 80 Max Splice count | 2 Trays 80 Max Splice count | 4 Trays 160 Max Splice count | 3 Trays 120 Max Splice count | 2 Trays 80 Max Splice count |
|  LITE-GRIP Short Tray (144 splice count) Cat. # LGSTR144 (Mass Fusion/ Ribbon) | 1 Tray 144 Max Splice count | 2 Trays 216 Max Splice count ⁴ | 2 Trays 288 Max Splice count | 2 Trays 288 Max Splice count | 4 Trays 576 Max Splice count | 3 Trays 432 Max Splice count | 2 Trays 288 Max Splice count |

¹ 24 count Low Profile Tray (Cat. # 8003468) is available for COYOTE In-Line, COYOTE Terminal (Single Chamber), & COYOTE Terminal (Dual Chamber) closures. Tray Conversion Kit (Cat. # 8003757) is required to use this tray in these closures.


² The maximum splice count for the COYOTE Terminal (Dual Chamber) requires trays to be installed in both chambers of the closure.

³ Each tray (Cat. # LGSTS16) is provided with splice blocks to support 16 single fusion splices. Splice Block Kit (Cat. # LGSBS8-5) is required for each tray to achieve maximum splice count.

⁴ Capacity is limited by the maximum cable size through the entry ports.

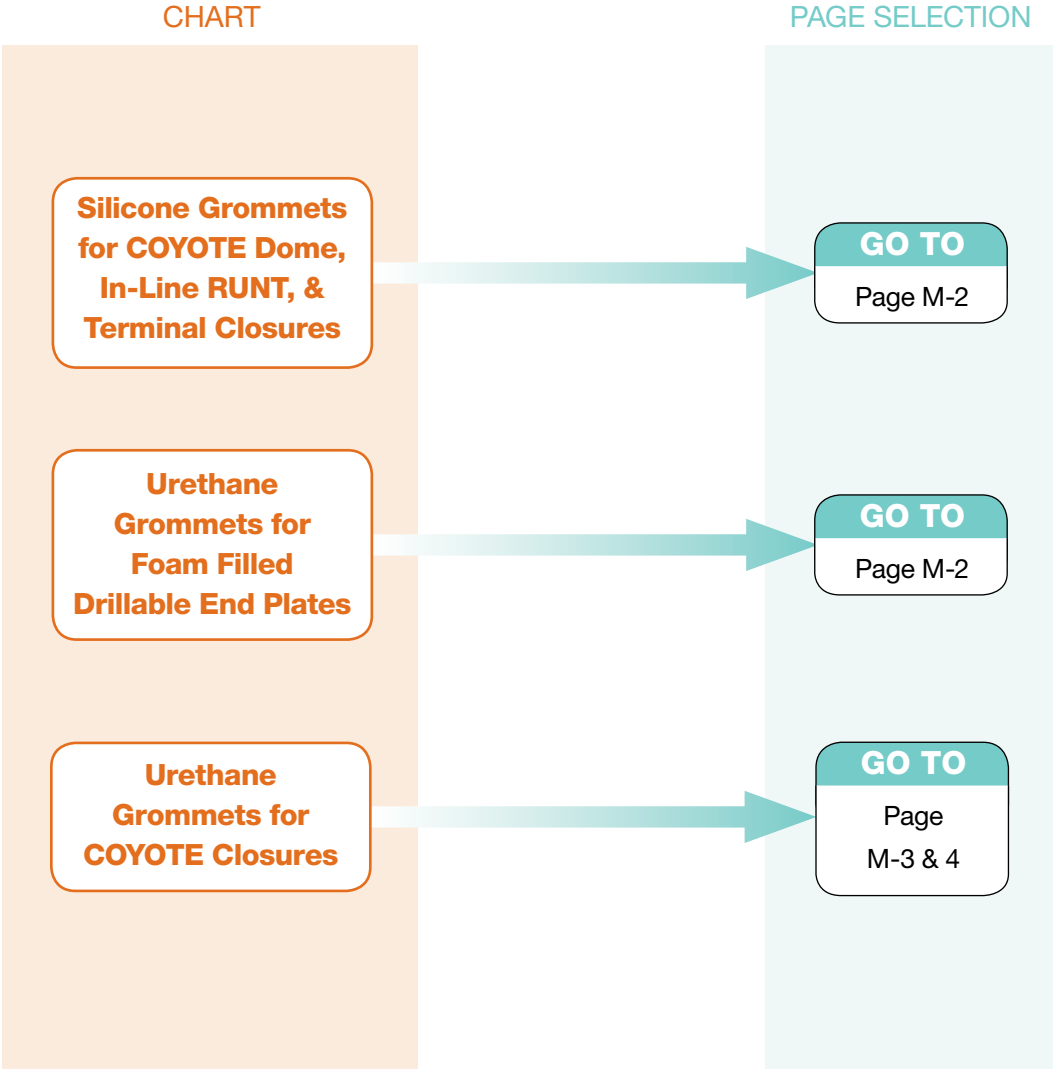
Section L

Long Trays and Closures

|  <p>Long Splice Trays & Closures</p> |  <p>6.5"x22" COYOTE Dome</p> |  <p>6.5"x22" COYOTE</p> |  <p>8.5"x22" COYOTE</p> |  <p>6.5"x22" COYOTE Splice Case</p> |  <p>8"x28" COYOTE Splice Case</p> |  <p>9.5"x28" COYOTE Splice Case</p> |  <p>9.5"x28" COYOTE Dome</p> |
|--|--|---|---|---|---|---|--|
|  <p>Low Profile Tray (36 splice count) Cat. # 8001127 (w/ plastic splice blocks) or 80807769 (blank)</p> | 6 Trays 216 Max Splice count | 6 Trays 216 Max Splice count | 11 Trays 396 Max Splice count | 6 Trays 216 Max Splice count | 9 Trays 324 Max Splice count | 13 Trays 468 Max Splice count | 18 Trays 648 Max Splice count |
|  <p>Standard Tray (36 splice count) Cat. # 80805514 (w/ elastomer splice block), 80805110 (w/ rigid slots), or 80805509 (blank)</p> | 4 Trays 144 Max Splice count | 4 Trays 144 Max Splice count | 8 Trays 288 Max Splice count | 5 Trays 180 Max Splice count | 7 Trays 252 Max Splice count | 10 Trays 360 Max Splice count | 15 Trays 540 Max Splice count |
|  <p>Ribbon Tray (144 splice count) Cat. # 80805515 (w/ elastomer splice blocks), 80805146 (w/ rigid slots), or 80805510 (blank)</p> | 3 Trays 432 Max Splice count | 2 Trays 288 Max Splice count | 4 Trays 576 Max Splice count | 2 Trays 288 Max Splice count | 5 Trays 720 Max Splice count | 6 Trays 864 Max Splice count | 6 Trays 864 Max Splice count |
|  <p>LITE-GRIP Long Tray¹ (80 splice count) Cat. # LGSTS40 (Single Fusion)</p> | 3 Trays 240 Max Splice count | Not Applicable | 5 Trays 400 Max Splice count | 2 Trays 160 Max Splice count | 5 Trays 400 Max Splice count | 6 Trays 480 Max Splice count | 9 Trays 720 Max Splice count |
|  <p>LITE-GRIP Long Tray (216 splice count) Cat. # LGSTR216 (Mass Fusion/ Ribbon)</p> | 3 Trays 648 Max Splice count | Not Applicable | 5 Trays 1,080 Max Splice count | 2 Trays 432 Max Splice count | 5 Trays 1,080 Max Splice count | 6 Trays 1,296 Max Splice count | 6 Trays 1,296 Max Splice count |

¹ Each tray (Cat. # LGSTS40) is provided with splice blocks to support 40 single fusion splices. Splice Block Kit (Cat. # LGSBS8-5) is required for each tray to achieve maximum splice count.














Section M – Grommet Charts




Section M

| COYOTE Silicone Grommet Kits for Use In: | | | |
|---|---|--|-----------|
| COYOTE Dome  | COYOTE In-Line  | COYOTE Terminal (Single & Dual Chamber)  | |
| GROMMET | DESCRIPTION | RANGES | Catalog # |
|  | 2-Hole Grommet | .42"-.60" (10.7-15.2 mm) & .60"-.85" (15.2-21.6 mm) | 8003701 |
|  | 1-Hole Grommet | .42"-.60" (10.7-15.2 mm) | 8003691 |
|  | 1-Hole Grommet | .60"-.85" (15.2-21.6 mm) | 8003692 |
|  | 1-Hole Grommet | .85"-1.0" (21.6-25.4 mm) | 8003693 |
|  | 1-Hole Grommet | 1.0"-1.25" (25.4-31.6 mm) | 8003694 |
|  | 2-Hole Grommet | .42"-.60" (10.7-15.2 mm) | 8003663 |
|  | 4-Hole Grommet | .30" - .43" (7.6 - 10.9 mm) | 8003664 |
|  | 6-Hole Grommet | .125" - .25" (3.2 - 6.4 mm) and flat drop cable | 8003665 |
|  | 7-Hole Grommet | .42" - .60" (10.7 - 15.2 mm) & .125" - .25" (3.2 - 6.4 mm) and flat drop cable | 8003676 |
|  | 8-Hole Grommet | .125" - .25" (3.2 - 6.4 mm) and flat drop cable | 8003677 |
|  | 12-Hole Grommet | .125" - .25" (3.2 - 6.4 mm) For flat drop cable | 8003796 |

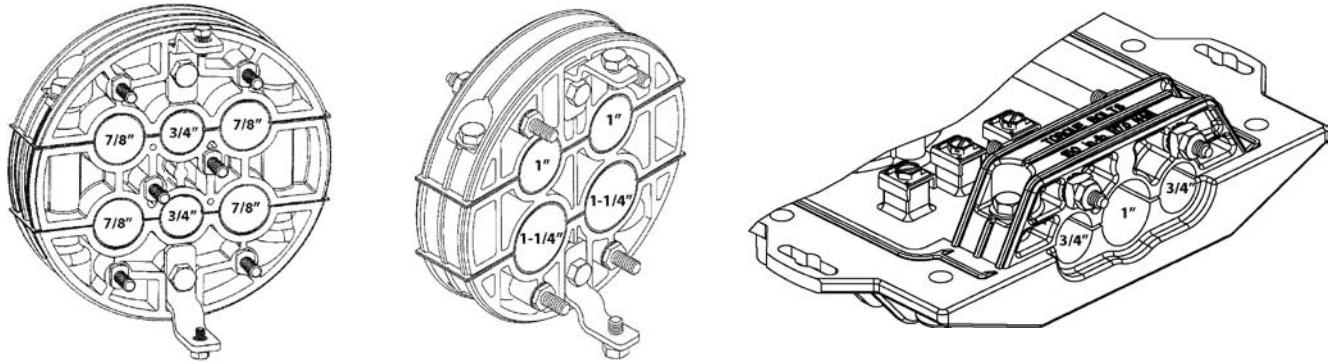
NOTE: Grommet Kit contains (1) Grommet, (1) Cable Measure Tape, (2) Silicone Lubricant Packs, (1) Set of Plugs, & (1) Glove

| COYOTE Multi-Port Urethane Grommets for Foam Filled Drillable End Plates | | | | |
|--|---|---|---|------------|
|  | |  | | |
| PLP Catalog Number (End Color) | Hole Pattern | Entries | Accepted Cable Diameter Range inches (mm) | Blade Size |
| 8003622 (Blue) |  | 4 | .20 - .27 (5.1 - 6.8) | H |
| 8003623 (Red) |  | 4 | .27 - .31 (6.8 - 7.8) | H |
| 8003586 (Green) |  | 4 | .31 - .38 (7.8 - 9.6) | J |
| 8003588 (Green) |  | 6 | .31 - .38 (7.8 - 9.6) | K |
| 8003583 (Orange) |  | 2 | .38 - .43 (9.6 - 11) | G |
| 8003584 (Orange) |  | 4 | .38 - .43 (9.6 - 11) | J |
| 8003573 (Orange) |  | 5 | .38 - .43 (9.6 - 11) | K |
| 8003585 (Light Blue) |  | 4 | .43 - .48 (11 - 12.2) | J |
| 8003660 (Light Blue) |  | 4 | Corning SST (Flat Drop) | H |
| 8003803 (Orange) |  | 1 | Sumitomo (FutureFLEX®) | K |
| 8003804 (Orange) |  | 1 | Sumitomo (FutureFLEX®) | G |

































Section M

COYOTE Multi-Port Urethane Grommets for COYOTE End Plates

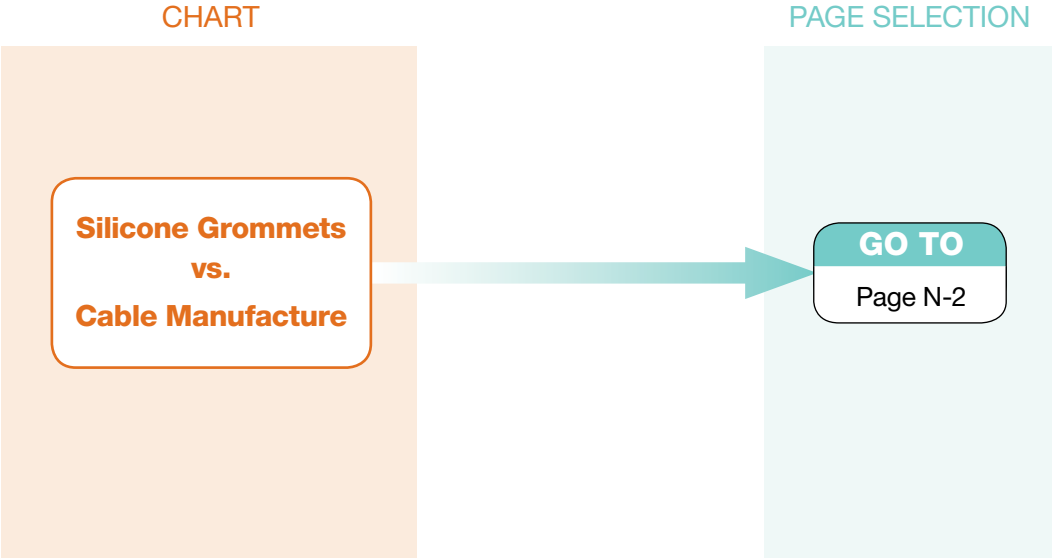


| PLP Catalog Number (End Color) | Hole Pattern | Entries | Factory Slit | Accepted Cable Diameter Range inches (mm) | Coyote RUNT Standard and Expanded Port Sizes | | COYOTE 6 Port End Plate Port Sizes | | COYOTE 4 Port End Plate Port Sizes | |
|-----------------------------------|--------------|---------|--------------|---|--|----|------------------------------------|------|------------------------------------|--------|
| | | | | | 3/4" | 1" | 3/4" | 7/8" | 1" | 1-1/4" |
| 8003392 (Red) | | 2 | NO | .27 - .31 (6.8 - 7.8) | X | | X | | | |
| 8003393 (Green) | | 2 | NO | .31 - .38 (7.8 - 9.6) | | | | X | | |
| 8003399 (Orange) | | 2 | NO | .38 - .43 (9.6 - 11) | | X | | | X | |
| 8003608 (Light Blue) | | 2 | NO | Corning SST (Flat Drop) | X | | X | | | |
| 8003730 (Light Blue) | | 2 | YES | Corning SST (Flat Drop) | X | | X | | | |
| 8003536 (Black) | | 3 | NO | .18 - .24 (4.5 - 6.1) | | X | | | X | |
| 800010621 (Black) | | 3 | NO | .18 - .24 (4.5 - 6.1) | | | | X | | |
| 8003389 (Red) | | 3 | NO | .27 - .31 (6.8 - 7.8) | | | | X | | |
| 8003390 (Blue) | | 3 | NO | .20 - .27 (5.1 - 6.8) | | | | X | | |
| 8003391 (Blue) | | 3 | NO | .20 - .27 (5.1 - 6.8) | X | | X | | | |
| 8003400 (Blue) | | 3 | NO | .31 - .38 (7.8 - 9.6) | | X | | | X | |
| 8003402 (Red) | | 3 | NO | .27 - .31 (6.8 - 7.8) | | X | | | X | |
| 8003403 (Orange) | | 3 | NO | .38 - .43 (9.6 - 11) | | | | | | X |
| 8003609 (Light Blue) | | 3 | NO | Corning SST (Flat Drop) | | | | X | | |
| 8003401 (Blue) | | 4 | NO | .20 - .27 (5.1 - 6.8) | | X | | | X | |
| 8003404 (Green) | | 4 | NO | .31 - .38 (7.8 - 9.6) | | | | | | X |
| 8003405 (Blue) | | 4 | NO | .20 - .27 (5.1 - 6.8) | | | | | | X |
| 8003406 (Red) | | 4 | NO | .27 - .31 (6.8 - 7.8) | | | | | | X |
| 8003575 (Brown) | | 4 | NO | .12 - .16 (3 - 4.1) | | | | X | | |
| 8003607 (Red) | | 4 | NO | .27 - .31 (6.8 - 7.8) | | X | | | X | |
| 8003610 (Light Blue) | | 4 | NO | Corning SST (Flat Drop) | | X | | | X | |
| 8003576 (Brown) | | 6 | NO | .12 - .16 (3 - 4.1) | | X | | | X | |
| 8003611 (Light Blue) | | 6 | NO | Corning SST (Flat Drop) | | | | | | X |
| 8003582 (Brown) | | 10 | NO | .12 - .16 (3 - 4.1) | | | | | | X |

Section M













| COYOTE Single Port Urethane Grommets for COYOTE End Plates | | | | | | | | | | |
|--|---|---------|--------------|--|--|----|---------------------------------------|------|---------------------------------------|--------|
| PLP Catalog Number (End Color) | Hole Pattern | Entries | Factory Slit | Accepted Cable Diameter Range inches (mm) | Coyote RUNT Standard and Expanded Port Sizes | | COYOTE 6 Port End Plate Port Sizes | | COYOTE 4 Port End Plate Port Sizes | |
| | | | | | 3/4" | 1" | 3/4" | 7/8" | 1" | 1-1/4" |
| 8003394 (Green) |  | 1 | NO | .31 - .38 (7.8 - 9.6) | X | | X | | | |
| 8003395 (Green) |  | 1 | NO | .31 - .38 (7.8 - 9.6) | | | | X | | |
| 8003473 (Light Blue) |  | 1 | NO | .43 - .48 (11 - 12.2) | | X | | | X | |
| 8003494 (Yellow) |  | 1 | NO | .48 - .53 (12.2 - 13.5) | | X | | | X | |
| 8003495 (Gray) |  | 1 | NO | .53 - .58 (13.4 - 14.7) | | X | | | X | |
| 8003763 (Red) |  | 1 | NO | .58 - .63 (14.7 - 16) | | X | | | X | |
| 8003764 (Black) |  | 1 | NO | .63 - .68 (16 - 17.3) | | X | | | X | |
| 8003765 (Brown) |  | 1 | NO | .68 - .73 (17.3 - 18.5) | | X | | | X | |
| 8003766 (Blue) |  | 1 | NO | .73 - .78 (18.5 - 19.8) | | X | | | X | |
| 8003767 (Silver) |  | 1 | NO | .78 - .83 (19.8 - 21.1) | | X | | | X | |
| 8003768 (White) |  | 1 | NO | .83 - .88 (21.1 - 22.4) | | X | | | X | |
| 8003496 (Light Blue) |  | 1 | NO | .43 - .48 (11 - 12.2) | | | | | | X |
| 8003497 (Yellow) |  | 1 | NO | .48 - .53 (12.2 - 13.5) | | | | | | X |
| 8003498 (Gray) |  | 1 | NO | .53 - .58 (13.4 - 14.7) | | | | | | X |
| 8003500 (Orange) |  | 1 | NO | .38 - .43 (9.6 - 11) | X | | X | | | |
| 8003501 (Orange) |  | 1 | NO | .38 - .43 (9.6 - 11) | | | | X | | |
| 8003596 (Light Blue) |  | 1 | NO | .43 - .48 (11 - 12.2) | X | | X | | | |
| 8003597 (Light Blue) |  | 1 | NO | .43 - .48 (11 - 12.2) | | | | X | | |
| 8003598 (Yellow) |  | 1 | NO | .48 - .53 (12.2 - 13.5) | X | | X | | | |
| 8003599 (Yellow) |  | 1 | NO | .48 - .53 (12.2 - 13.5) | | | | X | | |
| 8003600 (Gray) |  | 1 | NO | .53 - .58 (13.4 - 14.7) | X | | X | | | |
| 8003601 (Gray) |  | 1 | NO | .53 - .58 (13.4 - 14.7) | | | | X | | |
| 8003497 (Yellow) |  | 1 | NO | .48 - .53 (12.2 - 13.5) | | | | | | X |
| 8003761 (Red) |  | 1 | NO | .58 - .63 (14.7 - 16) | | | | X | | |
| 8003762 (Black) |  | 1 | NO | .63 - .68 (16 - 17.3) | | | | X | | |
| 8003671 (Light Blue) |  | 1 | YES | .43 - .48 (11 - 12.2) | X | | X | | | |
| 8003674 (Gray) |  | 1 | YES | .53 - .58 (13.4 - 14.7) | X | | X | | | |
| 8003689 (Yellow) |  | 1 | YES | .48 - .53 (12.2 - 13.5) | X | | X | | | |
| 8003675 (Gray) |  | 1 | YES | .53 - .58 (13.4 - 14.7) | | | | X | | |
| 8003769 (Red) |  | 1 | YES | .58 - .63 (14.7 - 16) | | X | | | X | |












Section N – Silicone Grommets vs. Cable Manufacture



Section N

Silicone Grommets vs. Cable Manufacture

|  | | Cat. #8003701 | Cat. #8003691 | Cat. #8003692 | Cat. #8003693 | Cat. #8003694 | Cat. #8003663 | Cat. #8003664 | Cat. #8003665 | Cat. #8003676 | Cat. #8003677 | Cat. #8003796 | |
|---|--------------------------|---|---|---|---|--|---|---|---|---|---|---|--------------------------------|
| | |  |  |  |  |  |  |  |  |  |  |  | |
| | | Hole Range (in) | .42 - .60 in. .60 - .85 in. | .42 - .60 in. | .60 - .85 in. | .85 - 1.0 in. | 1.0 - 1.25 in. | .42 - .60 in. | .30 - .43 in. | .125-.25 in. and Flat Drop | .42-.6 in. .125-.25 in. and Flat Drop | .125-.25 in. and Flat Drop | .125-.25 in. Flat Drop Only |
| Hole Range (mm) | 11 - 15 mm 15 - 22 mm | 11 - 15 mm | 15 - 22 mm | 22 - 25 mm | 25 - 32 mm | 11 - 15 mm | 8 - 11 mm | 3-6 mm and Flat Drop | 11-15 mm 3-6 mm and Flat Drop | 3-6 mm and Flat Drop | 3-6 mm Flat Drop Only | | |
| | | Cable Diameter | | PRYSMIAN | | | | | | | | | |
| Fiber Count | Cable Construction | Dry | Gel | | | | | | | | | | |
| 1 to 12 | Flat Drop | | | | | | | | | | | | |
| 1 to 12 | Round Drop | 0.32" | 0.32" | | | | | | DRY & GEL | | | | |
| 48 | Loose Tube | NA | NA | | | | | | | | | | |
| 96 | Loose Tube | 0.59" | 0.54" | DRY & GEL | DRY & GEL | | | | DRY & GEL | | DRY & GEL | | |
| 144 | Loose Tube | 0.74" | 0.68" | DRY & GEL | | DRY & GEL | | | | | | | |
| 216 | Loose Tube | 0.76" | 0.69" | DRY & GEL | | DRY & GEL | | | | | | | |
| 288 | Loose Tube | 0.86" | 0.79" | GEL | | GEL | DRY | | | | | | |
| 360 | Loose Tube | NA | NA | | | | | | | | | | |
| 48 | Central Tube-Ribbon | 0.63" | 0.59" | DRY & GEL | GEL | DRY | | | GEL | | GEL | | |
| 96 | Central Tube-Ribbon | 0.63" | 0.59" | DRY & GEL | GEL | DRY | | | GEL | | GEL | | |
| 144 | Central Tube-Ribbon | 0.67" | 0.65" | DRY & GEL | | DRY & GEL | | | | | | | |
| 216 | Central Tube-Ribbon | 0.74" | 0.70" | DRY & GEL | | DRY & GEL | | | | | | | |
| 288 | Central Tube-Ribbon | 0.89" | 0.83" | GEL | | GEL | DRY | | | | | | |
| 360 | Central Tube-Ribbon | 0.89" | 0.83" | GEL | | GEL | DRY | | | | | | |
| 360 | Loose Tube-Ribbon | 1.05" | 0.84" | | | | GEL | DRY | | | | | |
| 432 | Central Tube-Ribbon | 0.89" | 0.83" | GEL | | GEL | DRY | | | | | | |
| 432 | Loose Tube-Ribbon | 1.05" | 0.84" | | | | GEL | DRY | | | | | |
| 864 | Central Tube-Ribbon | NA | NA | | | | | | | | | | |
| 864 | Loose Tube-Ribbon | 1.24" | 1.05" | | | | DRY & GEL | | | | | | |
| | | Cable Diameter | | SUMITOMO | | | | | | | | | |
| Fiber Count | Cable Construction | Dry | Gel | | | | | | | | | | |
| 1 to 12 | Flat Drop | .31" x .18" | .31" x .18" | | | | | | | DRY & GEL | DRY & GEL | DRY & GEL | |
| 48 | Loose Tube | NA | 0.44" | GEL | GEL | | | | GEL | | GEL | | |
| 96 | Loose Tube | NA | 0.52" | GEL | GEL | | | | GEL | | GEL | | |
| 144 | Loose Tube | NA | 0.61" | GEL | GEL | GEL | | | GEL | | GEL | | |
| 216 | Loose Tube | NA | 0.66" | GEL | | GEL | | | | | | | |
| 288 | Loose Tube | NA | 0.73" | GEL | | GEL | | | | | | | |
| 360 | Loose Tube | NA | NA | | | | | | | | | | |
| 48 | Central Tube-Ribbon | 0.49" | 0.49" | DRY & GEL | DRY & GEL | | | | DRY & GEL | | DRY & GEL | | |
| 96 | Central Tube-Ribbon | 0.55" | 0.55" | DRY & GEL | DRY & GEL | | | | DRY & GEL | | DRY & GEL | | |
| 144 | Central Tube-Ribbon | 0.58" | 0.58" | DRY & GEL | DRY & GEL | | | | DRY & GEL | | DRY & GEL | | |
| 216 | Central Tube-Ribbon | 0.67" | 0.67" | DRY & GEL | | DRY & GEL | | | | | | | |
| 288 | Central Tube-Ribbon | 0.82" | 0.82" | DRY & GEL | | DRY & GEL | | | | | | | |
| 360 | Central Tube-Ribbon | 0.82" | 0.82" | DRY & GEL | | DRY & GEL | | | | | | | |
| 360 | Loose Tube-Ribbon | NA | NA | | | | | | | | | | |
| 432 | Central Tube-Ribbon | 0.82" | 0.82" | DRY & GEL | | DRY & GEL | | | | | | | |
| 432 | Loose Tube-Ribbon | NA | NA | | | | | | | | | | |
| 864 | Central Tube-Ribbon | NA | 0.99" | | | | GEL | | | | | | |
| 864 | Loose Tube-Ribbon | NA | NA | | | | | | | | | | |

| Grommet Slitting Locations | | | | | | | | | | |
|---|---|---|---|--|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |  |  |  |
| Cat. #8003701 | Cat. #8003691 | Cat. #8003692 | Cat. #8003693 | Cat. #8003694 | Cat. #8003663 | Cat. #8003664 | Cat. #8003665 | Cat. #8003676 | Cat. #8003677 | Cat. #8003796 |

Fiber Optics Selection Guide Worksheet

IMPORTANT NOTE: TO USE THIS SELECTION GUIDE YOU MUST FIRST ANSWER THESE 7 QUESTIONS

1. Largest Cable Size (Number of Fibers) Entering Closure _____
2. Cable Type (Buffer Tube or Ribbon) _____
3. Number of Fibers to be Spliced _____
4. Splice Method (Single Fusion or Mass/Ribbon Fusion) _____
5. Type of Closure to be used (Shell Closure or Dome Closure) _____
6. Diameter of the Largest Cable Being Used _____
7. Aerial or Underground Splice Application _____
(NOTE: Buried Splice Applications do not require support brackets or hangers)

Glossary

Buffer Tube: This is another term for Loose Tube

Butt Splice: This refers to when all cables that are to be spliced or expressed enter a closure at one end

Core Tube: This is another term for Central Tube or Uni-Tube

Cut Cable: This refers to when the main feeding cable has been cut

Dome Closure: A closure which consists of a plastic shell that slides over the main storage assembly. An air tight seal is created between the shell and the end plate with a gasket and a sealing collar. The closure can be pressurized for testing the integrity of the seal.

Express Splice (Through Splice): This refers to when the main feeding cable has not been cut

Ribbon Splice: This is another term for mass fusion splice

Shell Closure: A closure which consists of two shell halves that contain a permanent neoprene gasket. A hermetic seal is created by bolting the two shell halves together. The closure can be pressurized for testing the integrity of the seal.

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