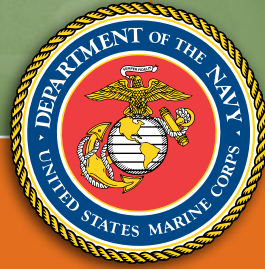
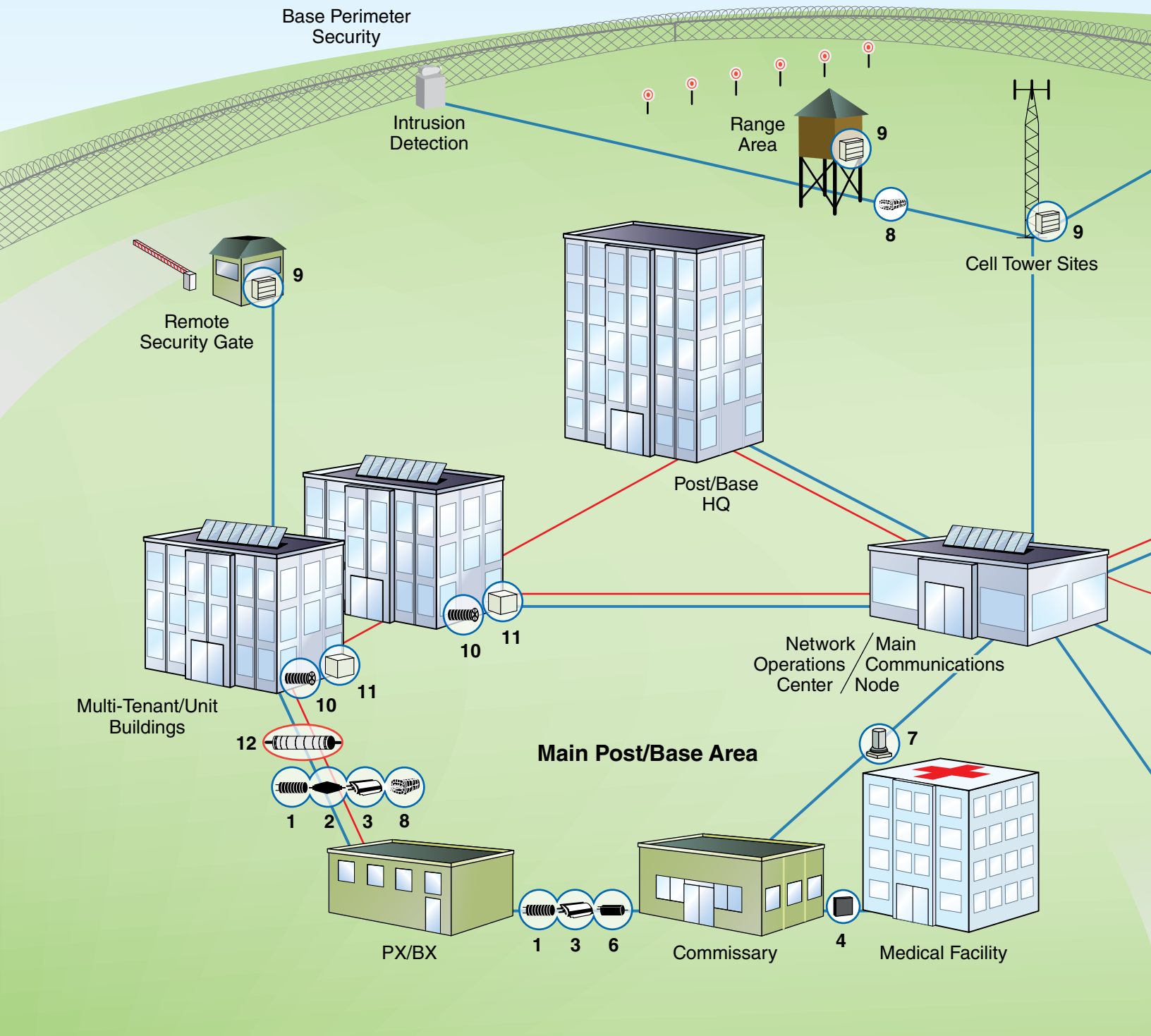


# SPLICE CLOSURE AND HARDWARE SOLUTIONS FOR MILITARY OUTSIDE PLANT NETWORKS





### Fiber Optic Splice Closures for Aerial & Underground

1. COYOTE® Dome Closures



2. COYOTE® LCC



3. COYOTE® In-Line RUNT



4. COYOTE® DTC



5. COYOTE® RUNTS & PUPS



6. Standard COYOTE®



7. COYOTE® GLC

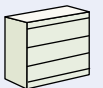


8. COYOTE® ONE



### Building Fiber Distribution Solutions

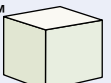
9. COYOTE® MPC

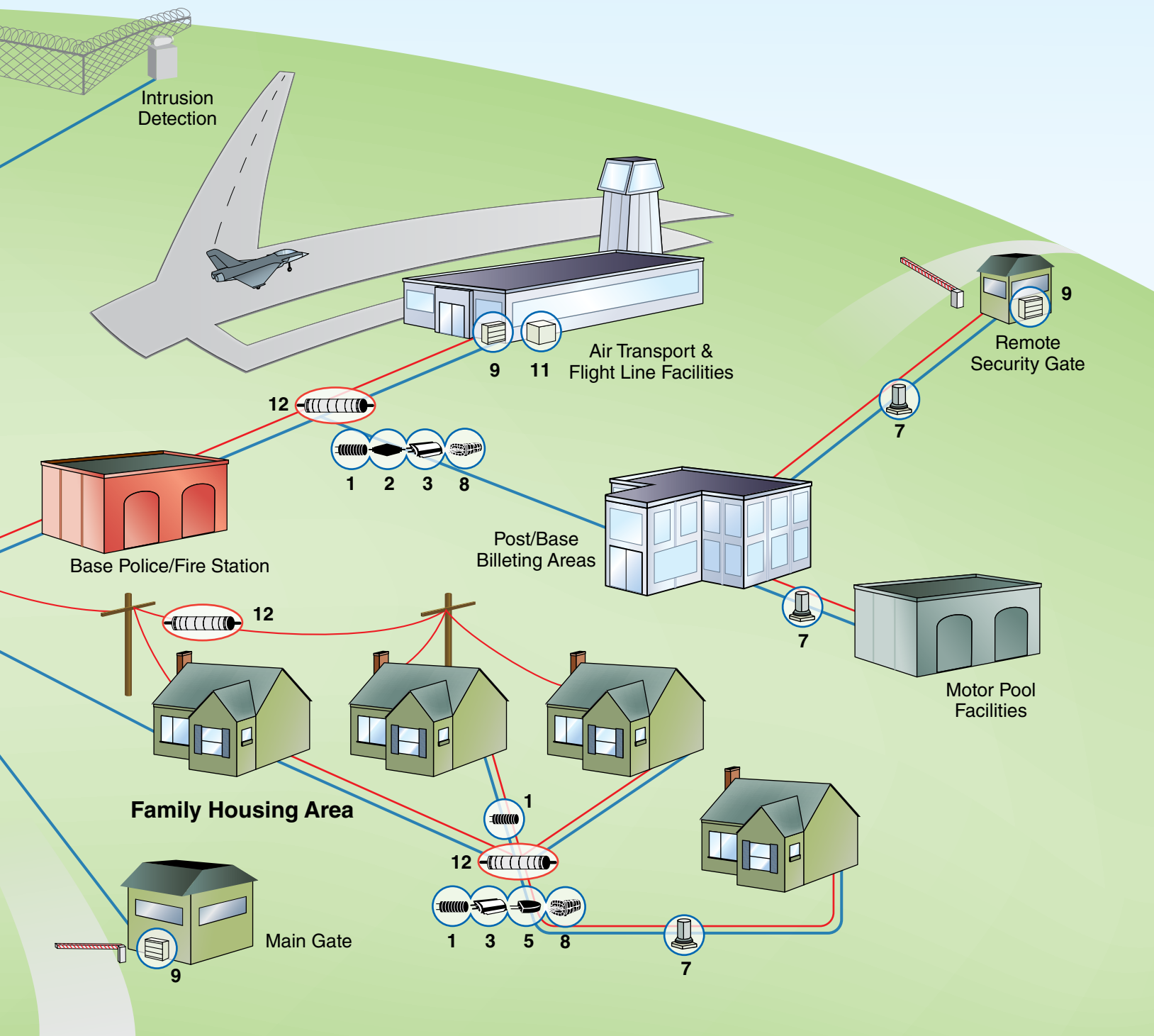


10. F.R. COYOTE® In-Line Domes



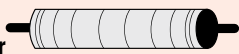
11. COYOTE® Access Solutions™ Fiber Rack & Wall Mount Cabinets





### Copper Splice Closures Outside Plant

12. ARMADILLO® Stainless Splice Case  
(Resin Fillable or Regular): 50 – 4,800 pair



Ranger and Super SERVICEAL® Closure:  
6 – 12 pair



BLACK-JACK™ Closure: 25 – 50 pair



— Copper Cable Network

— Fiber Optic Cable Network

Made in the USA



# PRODUCTS FOR THE OUTSIDE PLANT ENVIRONMENT

## FIBER OPTIC SPLICE CLOSURES AND CABINETS



### Classic COYOTE® Closure Family

- Available Sizes:
  - 6.0" x 17" (152mm x 432mm),
  - 6" x 22" (152mm x 559mm),
  - 8.5" x 22" (216mm x 559mm)
- Designed for below grade, aerial or direct buried applications
- Splice capacity range up to 396 (single fusion) 576 (mass fusion)
- Features grommet and/or LOCK-TAPE Sealing System
- Two end plate options available:
  - 4 Port end plate contains (2) 1.25" (31.7mm) ports and (2) 1.0" (25.4mm) ports
  - 6 Port end plate contains (4) .875" (22mm) ports and (2) .75" (19mm) ports
- Full line of pole, wall, strand and below grade mounting brackets available
- Meets performance requirements of the Telcordia GR-771 CORE specification
- Consult detailed product literature for splice capacities



### COYOTE® LCC Closure Family

- Compact Size: 17" x 7" x 2.5" (432mm x 178mm x 64mm)
- Designed for below grade, aerial or direct buried applications
- Cable entrance port quantity – 2, each accepting max cable diameter of 1.25" (31.7mm)
- Can support splice capacities up to 24 single fusion, 72 mass fusion
- Features the latest easy-to-use grommet sealing technology
- No special tools or torque wrenches required for assembly
- Features a LITE-GRIP® Splice Platform that can support mechanical connectors, PLC splitter modules, single fusion or mass fusion splices
- Compact size and flat base permit installation in small areas
- Full line of pole, wall, strand and below grade mounting brackets available
- Independently tested to Bellcore specifications



### COYOTE® In-Line RUNT Closure Family

- Dimensions: 17.5" x 10" x 3.5" (440mm x 250mm x 90mm)
- Designed for below grade, aerial or direct buried applications
- Cable entrance port quantity – 4, each accepting max cable diameter of 1.25" (31.7mm)
- Features the latest easy-to-use grommet sealing technology
- No special tools or torque wrenches required for assembly
- Flame retardant designs also available
- Compact size and flat base permit installation in small areas
- Full line of pole, wall, strand and below grade mounting brackets available
- Independently tested to the Telcordia GR-771 CORE specification



### COYOTE® ONE Closure

- Size: 16"L x 10"W x 5.7"H (410mm x 254mm x 144mm)
- Maximum Splice Capacity: (120) Single fusion (80809958 Tray), (144) Mass fusion
- Butt/Expressed splice configuration
- Port quantity: 3
- Ground stud quantity: 3
- Hinged collar system allows for quick re-entry. No special tools required.
- Integrated air valve for flash testing closure seal
- Tested to the Telcordia GR-771 CORE specification
- Direct buried, manhole, aerial or pole/wall mount
- Flexible grommet sealing system supports a wide range and quantity of flat or round cable profiles
- Ideal for FTTH deployment and back-haul networks



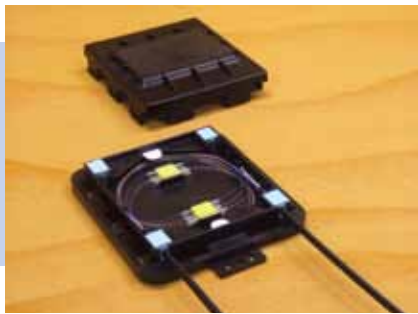
### COYOTE® Dome Closure Family

- Available Sizes:
  - 6.5" x 17" (218mm x 453mm)
  - 6.5" x 22" (218mm x 574mm)
  - 9.5" x 19" (292mm x 509mm)
  - 9.5" x 28" (292mm x 749mm)
- Designed for below grade, aerial or direct buried applications
- Patented segmented end plate design allows independent access to each cable port
- 9.5" (292mm) End plate contains 7 ports, each accepting 1.25" max cable diameter (31.7mm)
- 6.5" (218mm) End plate contains 4 ports, each accepting 1.25" max cable diameter (31.7mm)
- End plate system can support multiple express loops
- Features the latest easy-to-use grommet sealing technology
- Collar system provides quick reentry, no special tools required
- Independently tested to the Telcordia GR-771 CORE specification
- Full line of pole, wall, strand and below grade mounting brackets available



### COYOTE® GLC (Ground Level Closure)

- Two Sizes: 9.5" x 17" (292 x 453 mm) or 9.5" x 28" (292 x 749 mm) Dome Enclosure secures to a 19.5" L x 19.5" W x 13" H (495 x 495 x 330 mm) Base
- Stackable spacer system adapts to the base for changing grade levels
- Blended design eliminates the need to purchase separate components
- Utilizes the same silicone grommet sealing system and segmented end plate design that is found throughout the COYOTE Dome Closure Family
- Slack storage of uncut cable allows dome enclosure to be carried to a splice truck or other suitable working environment
- Accessible isolated grounding system that allows ground testing to occur without entering the splice enclosure
- Manufactured out of flame and impact resistant polymer
- Collar latch mechanism allows attachment of different security devices
- Available Organization Types
  - Buffer Tube and Unitube/Ribbon Organizer
  - Buffer Tube Organizer for Increased Tray and Storage Capacity
  - Cross-Connect Organizer for Buffer Tube and Unitube/Ribbon
  - OptiTap™ Organizer for Buffer Tube and Unitube/Ribbon
- Split design allows parts to be added or replaced without disrupting other assembled components
- Create the closure that fits your application needs
- Transportable
- Patent Pending



### COYOTE® DTC (Drop Termination Closure)

- Compact Size: 9.1" x 7.6" x 1.7" (231 x 188 x 43 mm)
- Quick to assemble, no tools required for assembly
- Cost effective solution ideal for quick restoration of damaged/cut fiber service drops
- Can be used in combination with the COYOTE® GLC (Cat No: COYGLC-C1-000) Base. Provides a cost effective solution for below grade customer drop applications
- Designed for direct buried, below grade, pole/wall mount or aerial applications
- Re-enterable and re-usable
- Capable of In-Line, Butt or Express applications
- Utilizes the LITE-GRIP® Splice Block System which permits single fusion, mass fusion, mechanical, PLC splitters or a combination of all within one closure



### COYOTE® MPC (Multi-Purpose Closure)

- Available Sizes:
  - Standard - 16" L x 14" W x 4" D (406mm x 360mm x 100mm)
  - Deep - 16" L x 14" W x 7" D (406mm x 360mm x 178mm)
- Designed for above grade exterior or interior use
- Eight cable entrance ports around closure exterior
- Cable entrance ports accept PLP grommet system or commercial fittings
- Constructed from flame retardant UV resistant polymers
- Interior grid hole pattern allows custom organization to address your specific needs
- Designs available with internal bulkheads to support splice/patch applications
- Integrated rubber seal provides NEMA 4 performance against water and dust entry
- Full line of accessories to organize interior



### COYOTE® Pre-Terminated Fiber Cabinets

- Rack and wall mount designs
- Designed for interior use
- Powder coated metal construction is built for demanding environments
- Color-coded pigtailed in unique sleeve provide easy fiber identification, fiber adjustment and storage
- Wide range of connector types available

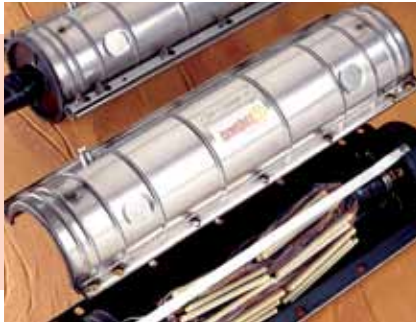


# PRODUCTS FOR THE OUTSIDE PLANT ENVIRONMENT

## COPPER SPLICE CLOSURES: ARMADILLO® SERIES

### Copper Splice Closures

#### ARMADILLO® Stainless Closure



For over 30 years the ARMADILLO Stainless Splice Case has been the industry standard for protecting communications cable splices under the most severe conditions.

- Available in a wide variety of sizes and capacities. Compatible with 4", 6.5", 8", 9.5" and 12.5" (101, 165, 203, 241, 317 mm) end plates and available in 22", 25", 28", 38", 45", 53" and 65" (558, 635, 711, 965, 1143, 1346, 1651 mm) lengths, with capacities ranging from 50 through 4,800 pair count
- Reusable and re-enterable with no re-entry kits required

- Craft friendly design
- Accommodates Sealing Washer End Plates and Drillable End Plates
- Can be used in aerial or buried applications
- Captive hardware
- Made of field-proven, corrosion resistant materials
- Optional ARMADILLO Coupling can be used for easy expansion of cable opening
- Filling Flange version available
- Resin fillable for underground applications

#### ARMADILLO® Drillable End Plates



- Field proven design that offers the flexibility to customize on the job site
- Provides exceptional pull-out strength
- Two section and three section designs

- No external fasteners
- Available with grounding and air valve inserts for air pressurization, aerial support and grounding through the end plate

#### ARMADILLO® Vault Closure



A custom solution designed to upgrade existing closures without disturbing splices.

- Each closure is factory customized to your splice specifications and shipped in a single carton
- Includes all materials required for installation

- Fire retardant endplates are custom drilled in our factory
- Designed to remain watertight for a depth of up to 10 feet
- Meets or exceeds industry standards for fire retardancy

#### ARMADILLO® Accessories



PLP offers a number of ARMADILLO Accessories to help you complete the job.

- Bonding Kits
- ARMADILLO Coupling
- ARMADILLO Manhole Support

- BUNDLE-LOCK Kit
- Cable Sheath Reinforcing Kit
- Double Sheath Cable Blocking Kit
- Pressure Wrap Kit
- Pressure Wrap Collar

To get more complete product, technical and/or part number information on these or any of our products, please see our website at [www.preformed.com](http://www.preformed.com) and click on the "literature and media" tab. Or contact our tech support team at 440-461-5200.

## Network Operations/Data Center Closures

### ARMADILLO® Tools



PLP offers special tools to make your job easier.

- Socket tool Kit
- Power end plate cutter and removal tool
- Cable shaper

### RD™ Encapsulant/Resin Kit for filling Armadillo Splice Cases



This two component polyurethane compound provides excellent moisture and electrical insulation protection for telecommunications cable splices.

- Easy to mix and pour
- Fast setting
- Easily bonds to itself when closures are refilled
- Room temperature curing
- Easy to re-enter
- High impact strength and low water absorption
- Low weight loss, nonexpanding
- High volume resistivity
- For calculating needed quantities, go to page 10-21 of the Communications Catalog

### MORAY™ Shield Connector



Connects shield with confidence. Designed to be flexible enough to handle the expansion and contraction of the cable sheath due to varying temperature ranges, but strong enough to maintain constant electrical contact.

- Spring-action top plate prevents pull-out
- One-piece unit
- Easy installation
- No assembly required
- No special tools needed
- Reliable

### Ranger SERVICEAL® and Super SERVICEAL® Closures



Long-term buried service wire protection for small pair counts.

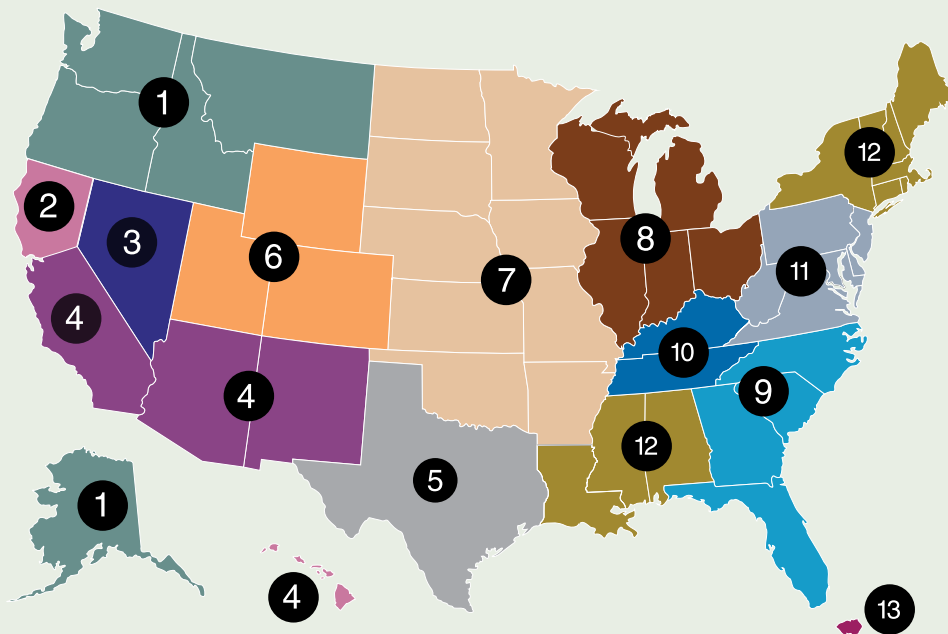
- Ranger SERVICEAL Closure for up to 6 pairs
- Super SERVICEAL Closure for up to 12 pairs
- Simple two-piece design – pre-filled vial and cap with integrated insertion ram and bonding connector
- Pre-filled vial with field proven POLY-BEE™ Sealant for maximum protection
- Octagon shaped vial for easy application and maximum splicing capacity
- Enhanced integral bonding connector
- Positive locking feature to ensure proper application and discourage re-use

### BLACK-JACK™ Closure



Designed to provide long-term protection for direct buried cable splices.

- Available in two sizes – 25 pair and 50 pair capacities
- Pre-filled with field proven POLY-BEE™ Sealant for maximum protection
- Accommodates both in-line and butt splices
- Fast and easy application
- No special tools required



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