

## FIBER OPTIC SOLUTIONS FOR POWER UTILITIES



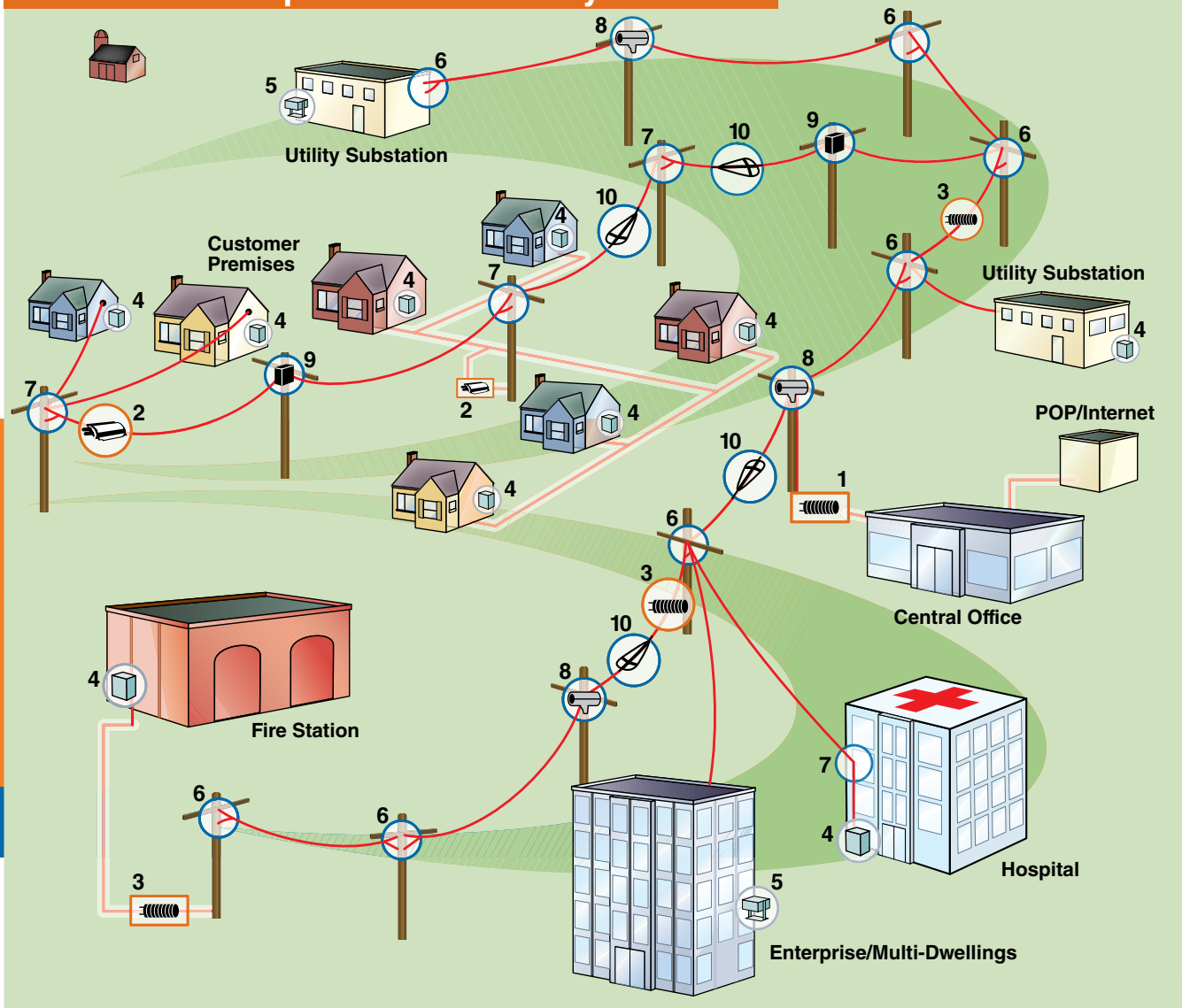
**COYOTE**<sup>®</sup>  
FIBER OPTICS

AXCESS Solutions<sup>™</sup>





**PLP Has System Solutions for:**  
Utility Applications – Smart Grid  
Community Enhancement  
FTTX

# Aerial & Underground, Semi-Rural to Metro


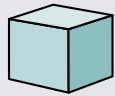
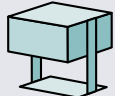
## Fiber Optic Distribution Systems








### Fiber Optic Splice Closures for Aerial & Underground COYOTE® Series

- 1. COYOTE Dome Closures – High Capacity 
- 2. COYOTE In-Line RUNT 
- 3. COYOTE Dome Closures – Medium Capacity 
- 4. COYOTE ONE 

### Fiber Optic Demarcation Access Solutions™ Series & COYOTE® Series

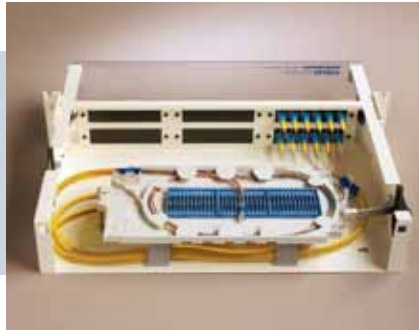
- 4. COYOTE MPC 
- 5. COYOTE Access Solutions
  - 5A. Wall Mount 
  - 5B. Rack Mount 

### Fiber Optic Cable Attachment Hardware for Aerial ADSS Distribution FIBERLIGN® Series

- 6. FIBERLIGN Limited Tension Dead-End 
- 7. FIBERLIGN Lite Tension Dead-End 
- 8. FIBERLIGN Aluminum Support 
- 9. FIBERLIGN Lite Support 
- 10. FIBERLIGN CLAS Storage 

## DEMARCATION SOLUTIONS, CONTINUED

### FIBER OPTIC DEMARCATION: COYOTE® SERIES



#### AXCESS Solutions™ Preterminated Rack Mount and Wall Mount Cabinets

##### Typical Applications

Demarcation for Wall Mount & Rack Mount installations. Substations, Commercial Buildings or Residential FTTX

##### Specification

Rack Mount Cabinet size (Shown) – #RDC6

*Dimensions:* 17" x 14" x 3.25"

*Height:* 2 Rack Unit

*Cabinet Steel:* 16 gauge

*Splice Capacity:* 72 fiber ct.

*Fit:* 19" or 23" racks

Other cabinets from 12 to 288 ct. splice capacity available

Wall Mount Cabinets from 24 to 144 ct. splice capacity available

##### Features

- Factory Preterminated
- Almond or Black Powder coat finish
- 100% tested & labeled
- Wall mounts have lockables splice compartment
- Color-Coated pigtails
- Built to custom specs for added labor savings
- UPC or APC polishes
- Ceramic Sleeve adaptors

##### Accessories

- 36 Ct. Standard Splice Tray #80805514
- Mounting Hardware included with cabinet
- Adaptor Plates: 6, 8, and 12 ports available

## AERIAL CABLE ATTACHMENT HARDWARE SOLUTIONS

### ADSS DISTRIBUTION APPLICATIONS: FIBERLIGN® SERIES

#### DEAD-ENDS SOLUTIONS



#### FIBERLIGN® Dielectric Dead-end-Limited Tension, Catalog Series 2872xxx

##### Typical Applications

Distribution for Semi-Rural and Metro Environments

##### Specification

*Maximum installation or long term load:* 1000#

*Maximum ice & wind load or short term load:* 2500#

*Maximum span:* 600'

*Overall length:* 48" for cable OD's .400"-1.073"

*Overall length:* 60" for cable OD's 1.074"-1.288"

*Standards:* IEEE 1222

##### Features

- Dual Layer Formed Wire Dead-end
- Helical holding concept – Low distributed pressure
- Aesthetics: Low profile closely matches cable
- Unloading Capability: Holding stress reduces as ice and wind dissipate (whereas wedge clamps continue high stress without relief)

##### Accessories

- Thimble Clevis and 14" extension link with 5/8"-11 Eye-nut
- Suffix Codes for Mounting:
  - Wood pole "C1E1"
  - Concrete or steel pole (banding bracket): "C1E1B1"



#### FIBERLIGN Lite Tension Dead-end, Catalog Series 2875xxx

##### Typical Applications

Distribution for Short Span Metro Environments

##### Specification

*Maximum installation or long term load:* 600#

*Maximum ice & wind load or short term load:* 800#

*Maximum span:* 300'

*Overall length:* 28" to 49"

*Cable OD's:* .375"-.750"

*Standards:* IEEE 1222

##### Features

- Single layer formed wire
- Helical holding concept – Low distributed pressure
- Aesthetics: Low profile closely matches cable
- Unloading Capability: Holding stress reduces as ice and wind dissipate
- Hybrid Aluminum & Al Clad Steel design for optimized fatigue strength and installation flexibility

##### Accessories

- Thimble Eyelet accepts 5/8" bolt
- Suffix Codes for Mounting:
  - Wood pole "TE"
  - Concrete or steel pole (banding bracket): "TEB1"

# AERIAL CABLE ATTACHMENT HARDWARE SOLUTIONS, CONTINUED

## ADSS DISTRIBUTION APPLICATIONS: FIBERLIGN® SERIES

### TANGENT SOLUTIONS



#### FIBERLIGN Aluminum Support (FAS), Catalog Series 445xxxx

##### Typical Applications

Distribution for Semi-Rural and Metro Environments

##### Specification

*Maximum Span:* 600'

*Maximum Turning Angle:* 20 degrees

*Maximum Stringing Turning Angle:* 10 degrees

*Accepts:* 5/8" Bolt or 1 1/4" wide band

*Body Width:* 3.2"

*Cable OD's:* .226"-1.425"

*Standards:* IEEE 1222

##### Features

- Hinged aluminum body
- Multi-Cable & stacking capability
- Polyurethane cushion inserts
- Captured fasteners
- Stringing Block capability

##### Mounting Accessories

- Mounting options are cast into base – customer supplies 5/8" through-bolt for wood pole or banding material for steel and concrete poles



#### FIBERLIGN Lite Support (FLS), Catalog Series 4800xxx

##### Typical Applications

Distribution for Short Span Metro Environments

##### Specification

*Maximum Span:* 300'

*Maximum Turning Angle:* 20 degrees

*Maximum Stringing Turning Angle:* 10 degrees

*Accepts:* 5/8" Bolt or 3/4" wide band.

*Body Width:* 2.75"

*Small Insert Cable OD's:* .250"-.699"

*Large Insert Cable OD's:* .250"-1.054"

*Standards:* IEEE 1222

##### Features

- Tough polyurethane housing halves
- Multi-Cable & stacking capability
- One-piece pliable cushion Insert
- Stringing Block capability

##### Mounting Accessories

- Wood pole use 5/8"-11 double arming bolt
- Concrete or steel poles use 3/4" wide banding and carriage bolt option "H2" Suffix Code H2 includes carriage bolt with washer, lock washer, and nut

### CABLE STORAGE SOLUTIONS



#### FIBERLIGN CLAS Storage, Catalog Series 710012375----

##### Typical Applications

All Dielectric Cable Storage for all Distribution Environments

##### Specification

*Max Storage Length:* span length x2 (virtually unlimited)

*Maximum Storage Diameter:* 20"

*Maximum Cable OD:* 1"

*Cable Straps:* heavy duty 1/2" wide with superior UV resistance

*Kit Includes:* 2 ea. CLAS brackets, cable polepass option and 10 straps

*Standards:* IEEE 1222

##### Features

- Center-Lock hinge design
- Extended hinge minimizes stress
- Minimizes infringement of pole space
- Folds and separates for efficient storage
- Brackets available for all butt splice closure storage
- Uni-Group Cable Guide (UCG) used to guide cable pass pole

##### Accessories

- UCG Mounting:
- Wood Pole – lag bolts included
  - Steel or concrete pole – 3/4" banding material required
  - Butt Splice Bracket Suffix Codes:
    - "D1" for 6.5" Domes
    - "R1" for In-Line RUNT
    - "T1" for 25 added cable straps

# AERIAL & UNDERGROUND SPLICE CLOSURES SOLUTIONS

## FIBER OPTIC SPLICE CLOSURES: COYOTE® SERIES



### COYOTE High Capacity Dome\* – 19" & 28" long

#### Typical Applications

High Splice Density Systems, Placed near Central Office

#### Specification

*Dimensions:* 9.5" x 19" and 9.5" x 28"

*Splice Capacity:* 288 and 720 single fusion

*Cable Entrance Ports:* 4 in the 9.5" End Plate

*Multi-hole Grommets:* up to 12 entry per grommet

#### Features

- Butt/Expressed Splice
- 7 Port Segmented Endplate for independent port access
- Grommet sealing system for single or multiple cable entries
- No special tools required
- Collar System for quick re-entry

#### Accessories

- 80 Ct. LITE-GRIP® Splice Tray #LGSTS40
- ADSS Aerial Mounting: 8003941
- Vertical Mounting: 8003942



### COYOTE Medium Capacity Dome\* – 22" long & 17" long

#### Typical Applications

Medium to High Count Splicing, Main cable or Main Branch, Distribution

#### Specification

*Dimensions:* 6.5" x 22" and 6.5" x 17"

*Splice Capacity:* 240 and 120 single fusion

*Cable Entrance Ports:* 4 x 1¼" max cable OD

*Multi-hole Grommets:* up to 12 entry per grommet

#### Features

- 4 Port Segmented Endplate for independent port access
- Grommet sealing system for single or multiple cable entries
- No special tools required
- Collar System for quick re-entry

#### Accessories

- LITE-GRIP Tray 80 Ct. #LGSTS40 for 22"
- 40 Ct. #LGSTS16 for 17"
- ADSS Aerial Mounting: 8003833
- Vertical Mounting: 8003702



### COYOTE IN-LINE RUNT\*

#### Typical Applications

Low to Medium Count Splicing, Express Distribution, Extended Network Penetration and Drops for FTTH

#### Specification

*Dimensions:* 17.5" x 10" x 3.5"

*Splice Capacity:* 96 single fusion

*Cable Entrance Ports:* 4 x 1¼" max cable OD

*Multi-hole Grommets:* up to 12 entry per grommet

#### Features

- Compact size
- Grommet sealing system for single or multiple cable entries
- No special tools required
- Integrated Permanent lid
- Gasket for quick re-entry

#### Accessories

- 40 Ct. LITE-GRIP Splice Tray #LGSTS16
- ADSS Aerial Mounting: 8003864
- Vertical Mounting: 8003703



### COYOTE ONE\*

#### Typical Applications

Medium to High Count Splicing,

#### Specification

*Dimensions:* 16" x 10" x 5.7"

*Splice Capacity:* 120 Single fusion  
144 Mass fusion

*Configuration:* Butt/Expressed Splice

*Cable Entrance Ports:* 3

*Ground Stud Quantity:* 3

#### Features

- Integrated air valve for flash testing closure seal
- Flexible grommet sealing system supports a wide range and quantity of flat or round cable profiles
- Hinged collar system allows for quick re-entry, no special tools required
- Direct buried, manhole aerial or pole/wall mount

#### Accessories

- 6 Port Drop Cable Retention Bobbin Kit 80811036
- 4 Port Cable Retention Bobbin Kit 80811037
- Mounting Bracket

\*Standards: All COYOTE® Closures above are Telecordia GR-771 Tested, RDUP (RUS) Listed.

# DEMARICATION SOLUTIONS

## FIBER OPTIC DEMARICATION: COYOTE® SERIES



### COYOTE MPC

#### Typical Applications

Demarcation – External or Internal Substations, Commercial Buildings or Residential FTTX

#### Specification

*Dimensions:* 17" x 14" x 4" Standard  
17" x 14" x 7" Deep

*Splice Capacity:* 96 single fusion-Standard, 288 single fusion-Deep

*Cable Entrance Ports:*  
8 x 1" max cable OD

*Multi-hole Grommets:* up to  
8 entry per grommet

*Standards:* Telcordia GR-771  
Tested, NEMA4, UL 94-5VA

#### Features

- Factory Preterminated option
- Flexible platform & grid pattern for custom interior organization
- Grommet sealing system for single or multiple cable entries
- PLP & commercially available grommet fittings
- Ceramic Sleeve adaptors

#### Accessories

- 40 Ct. LITE-GRIP Splice Tray #LGSTS16
- Vertical Wall Mount through 4 interior fastener locations



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