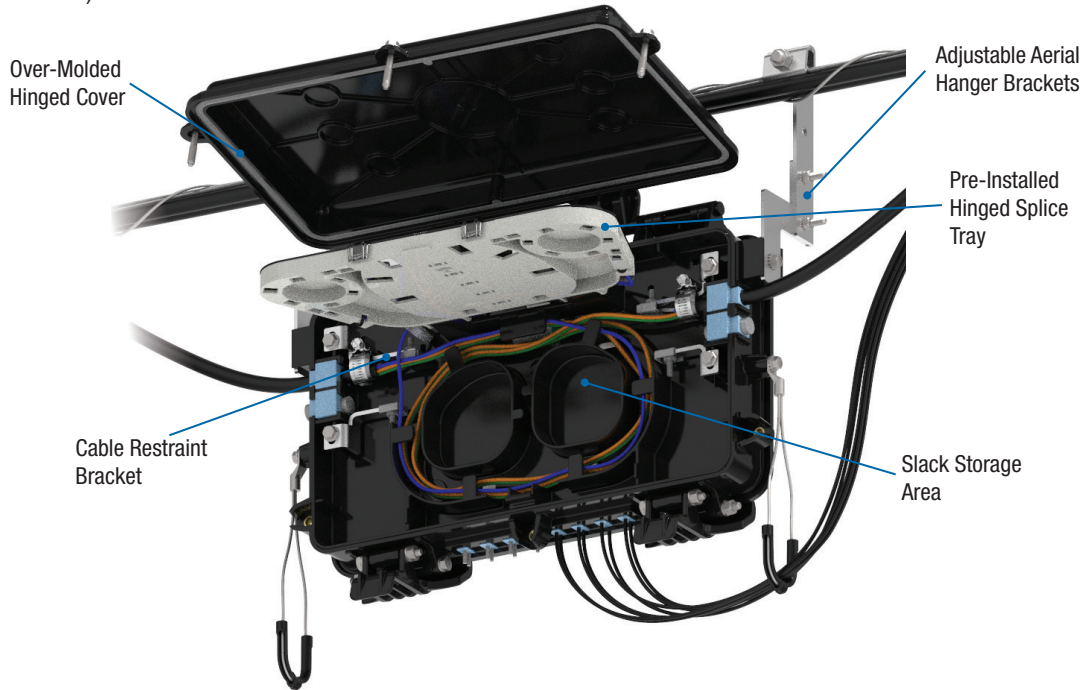# COYOTE® ATC

The **COYOTE ATC (Aerial Terminal Closure)** is an aerial closure system designed to support the drop distribution network without the need for specialized drop cable assemblies. The closure features a unique dual chamber design with independent access to the splice/slack storage chamber and to the drop connection chamber. The cover latch system expedites access for drop installation and the fasteners secure the splice chamber cover to restrict access after initial installation. Inside the closure is a large slack storage area and splice tray system which supports single fusion, mass fusion, mechanical splice protectors, or splitter technology.

Features and Benefits

• Dimensions: 17" x 10" x 4" (432 x 254 x 102 mm)

• Max Splice Capacity: 48 Single Fusion

• Max Adapter Quantity: 16 Simplex SC or 16 Duplex LC

• Grommet Quantity: 4 Splice Chamber and 8 Drop Chamber (Multi-Hole Grommets Available)

• Grommet Cable Diameter Range: Splice Chamber Grommets = .156" - .55" (4 - 14 mm)

  Drop Chamber Grommets = .093" - .22" (2.4 - 5.6 mm) and Flat Drop

• Applications: Aerial

• Designed and tested in accordance to Telcordia® GR-771-CORE Above Grade, IP-55 Rated Requirements

• Constructed out of rugged UV-stablized, flame retardant material (UL94-5VA Rated)

• Dual cover design allows independent access to each closure chamber

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▶ Splice Chamber

The COYOTE® ATC is a purpose-built aerial closure system to support the drop distribution network without the need for specialized drop cables. The dual chamber design provides independent access to each chamber. The splice chamber has four ports that accepts feed and branch cables from 0.156"-0.550" in diameter. All closure kits include adjustable aerial hanger brackets for strand applications. Additional adjustable aerial hanger brackets for ADSS are available upon request (Catalog #: 8004121).
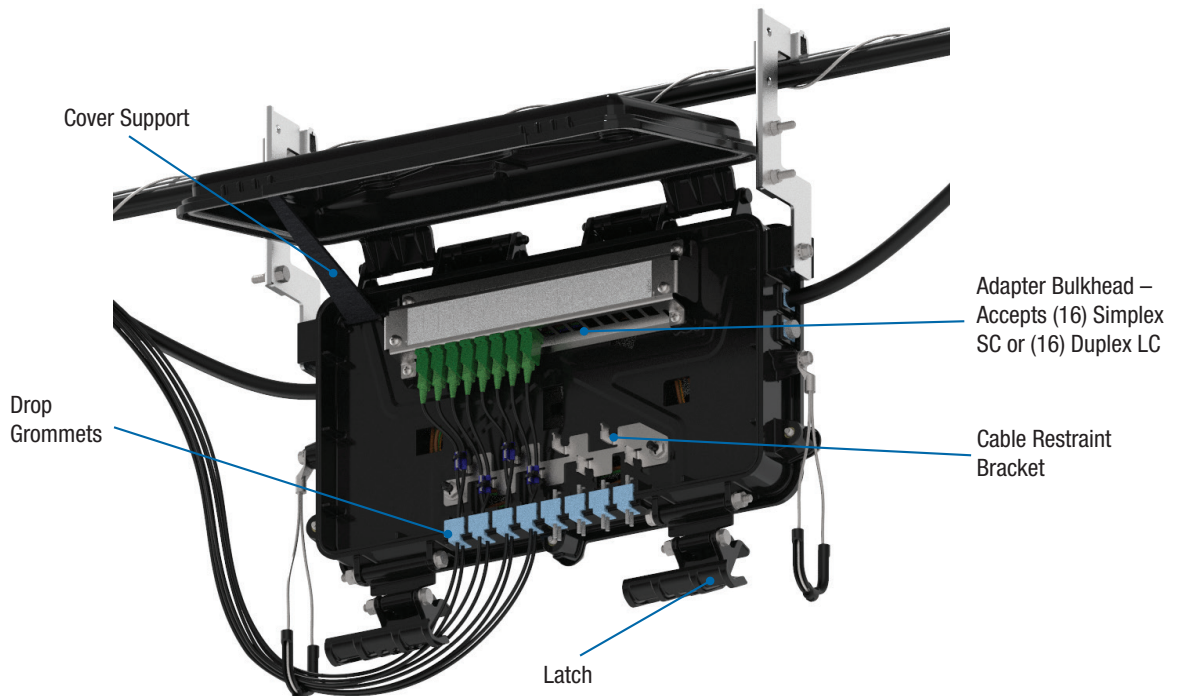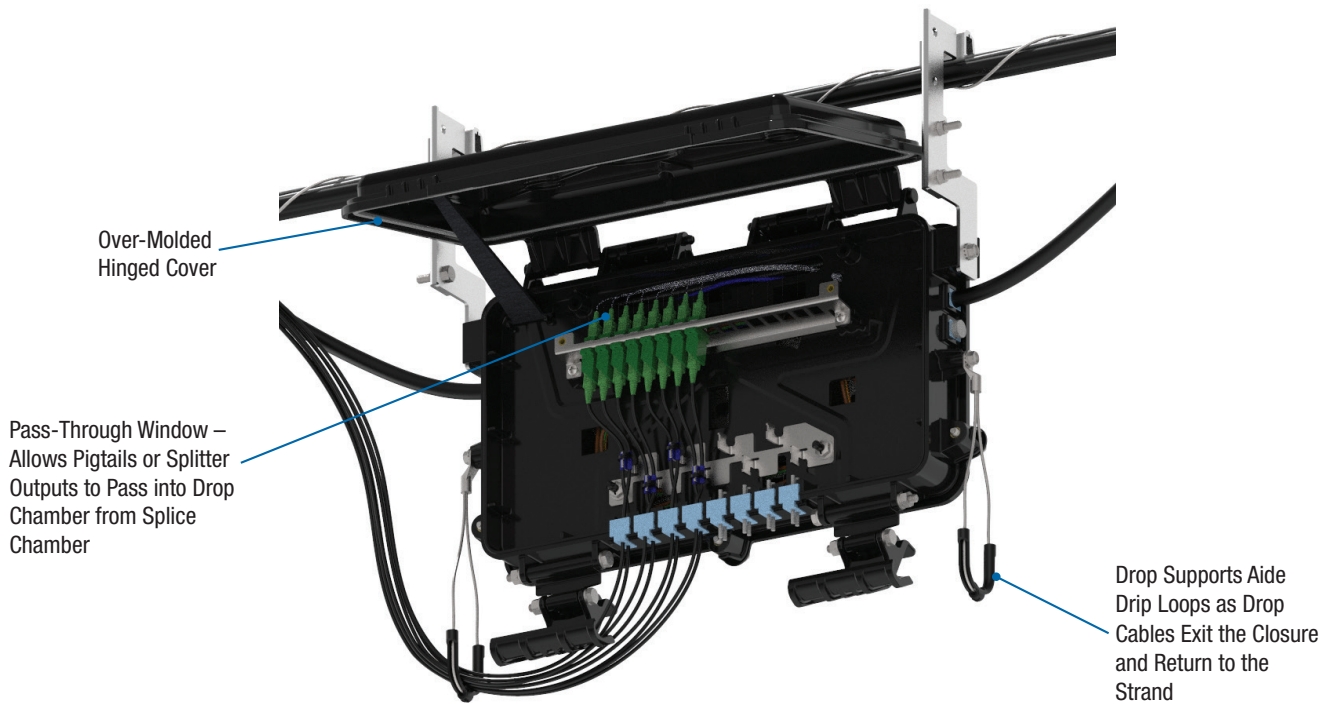
Over-Molded
Hinged Cover

Adjustable Aerial
Hanger Brackets

Pre-Installed
Hinged Splice
Tray

Cable Restraint
Bracket

Slack Storage
Area

The COYOTE® ATC has a pre-installed 48 CT. single fusion hinged splice tray that allows access to underlaying slack storage. The splice blocks can accept single fusion or mass fusion splices as well as pre-connectorized splitters. A pass-through window allows either pigtails or splitter outputs to pass to the drop chamber. Once the splicing has been completed the splice chamber cover is secured using three pre-installed bolts to restrict access.

Single Fusion
Splice Block

Pass-Through Window –
Allows Pigtails or Splitter
Outputs to Pass into Drop
Chamber

Silicone
Grommet

Slack Fiber
Area

Mass Fusion
Splice Block Accepts –
Pre-Connectorized Splitters
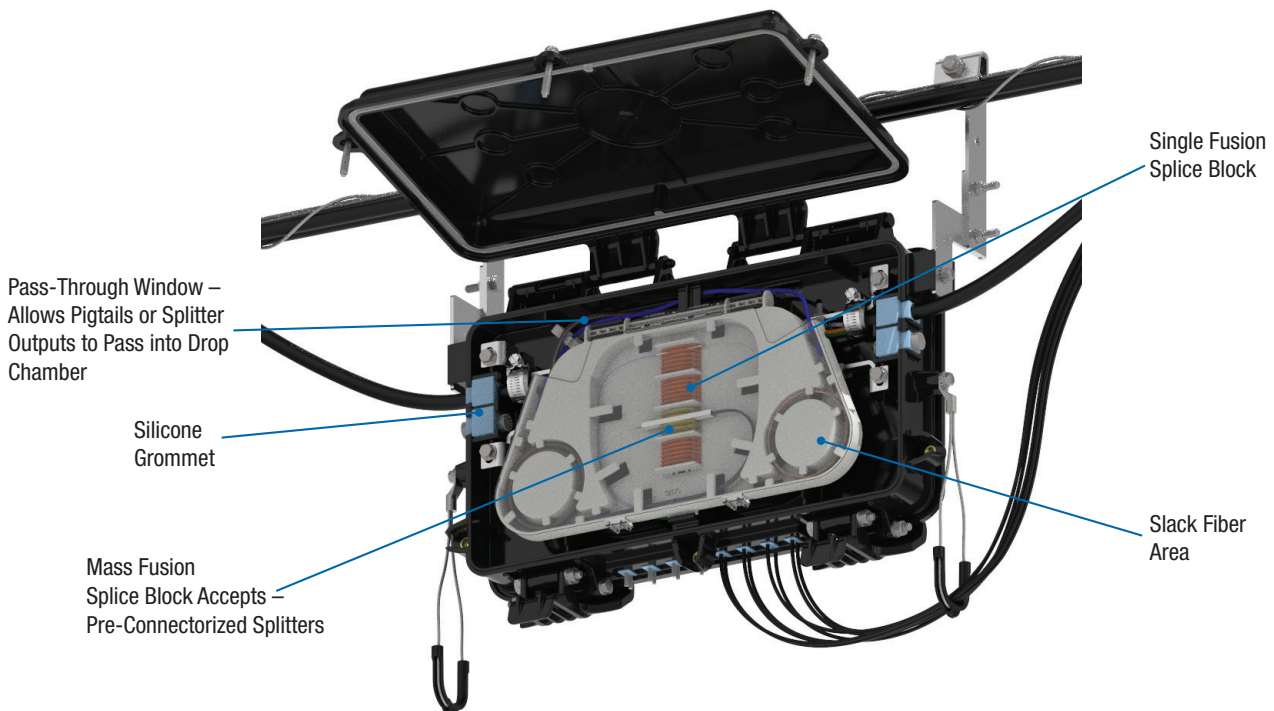
▶ Drop Chamber

The COYOTE® ATC drop chamber has a removable adapter bulkhead cover that allows for pigtail and pre-connectorized splitter outputs to be placed and protected. The adapter bulkhead accepts up to 16 Simplex SC or 16 Duplex LC. The integrated cover support allows the cover to stay open for the installation of a drop cable when in an aerial environment. Eight multi-hole drop chamber grommets come pre-slit to help aid in quick installation of a drop cable. A total of 16 drop cables with ranges from 0.093"-0.220" & flat drop cables are accepted in the silicone drop grommets. Two heavy-duty latches provide quick and easy access to the drop chamber for field installable connectors or pre-connectorized drops.

Over-Molded Hinged Cover

Pass-Through Window – Allows Pigtails or Splitter Outputs to Pass into Drop Chamber from Splice Chamber

Drop Supports Aide Drip Loops as Drop Cables Exit the Closure and Return to the Strand

Cover Support

Drop Grommets

Adapter Bulkhead – Accepts (16) Simplex SC or (16) Duplex LC

Cable Restraint Bracket

Latch

COYOTE® ATC Ordering Instructions

ATC-__XXXX__ - __X__ - __X__ - __X__ - __X__ - __X__

(Section 1) (Section 2) (Section 3) (Section 4) (Section 5) (Section 6)

Must be in alphabetical order

Catalog Number Example: ATC-AADD-9-N-1-3-8

Section 1

Splice Chamber Grommet Selection (Select 4)		Cable Diameter Range
A		SOLID / PLUG
B		0.200" – 0.250" (5.0 – 6.4 mm) ROUND CABLES
C		0.250" – 0.300" (6.4 – 7.6 mm) ROUND CABLES
D		0.300" – 0.350" (7.6 – 8.9 mm) ROUND CABLES
E		0.350" – 0.400" (8.9 – 10.2 mm) ROUND CABLES
F		0.400" – 0.450" (10.2 – 11.4 mm) ROUND CABLES
G		0.450" – 0.500" (11.4 – 12.7 mm) ROUND CABLES
H		0.500" – 0.550" (12.7 – 14.0 mm) ROUND CABLES
J		0.156" – 0.187" (4.0 – 4.7 mm) ROUND CABLES

Section 2

Splice Chamber Splitter Type (Select 1)	
N	NONE
Bare Fiber PLC Splitters	
1	1x4
2	1x8
3	1x16
Pre-Connectorized PLC Splitters	
4	1x4 – SC/APC
5	1x4 – LC/APC
6	1x4 – SC/UPC
7	1x4 – LC/UPC
8	1x8 – SC/APC
9	1x8 – LC/APC
10	1x8 – SC/UPC
11	1x8 – LC/UPC
12	1x16 – SC/APC
13	1x16 – LC/APC
14	1x16 – SC/UPC
15	1x16 – LC/UPC

Section 3

Splice Chamber Pitails (Select 1) (Matches adapter type and quantity)	
N	NONE
Y	900 µm

Section 4

Drop Chamber Grommet Selection (Select 1)		Cable Diameter Range
0		SOLID / PLUG
1		0.093" – 0.125" (2.4 – 3.2 mm) ROUND CABLES
2		0.156" – 0.170" (4.0 – 4.3 mm) ROUND CABLES
3		FOR FLAT DROP CABLES
4		0.187" – 0.220" (4.7 – 5.6 mm) ROUND CABLES

Section 5

Drop Chamber Adapter Type (Select 1)			
N	NONE	3	Duplex LC/APC
1	Simplex SC/APC	4	Duplex LC/UPC
2	Simplex SC/UPC		

Section 6

Drop Chamber Adapter Quantity
0 to 16

Accessories

Catalog No.	Description
8004121	COYOTE ATC Aerial Mounting Bracket – ADSS Applications