

COYOTE[®] DEN

COYOTE DEN Wall Boxes are designed for indoor or outdoor fiber splice points commonly found at multi-dwelling units or utility poles that require the distribution of multiple drop cables or patch cords. The COYOTE DEN units are configured with fiber organizers for either direct splice or cross-connect applications and incorporate a flip tray management system to help organize customer connections. These durable wall boxes utilize a cable grommet system and an integrated cover gasket to prevent water and dust ingress into the closure to ensure the protection of the critical network connections located inside them.

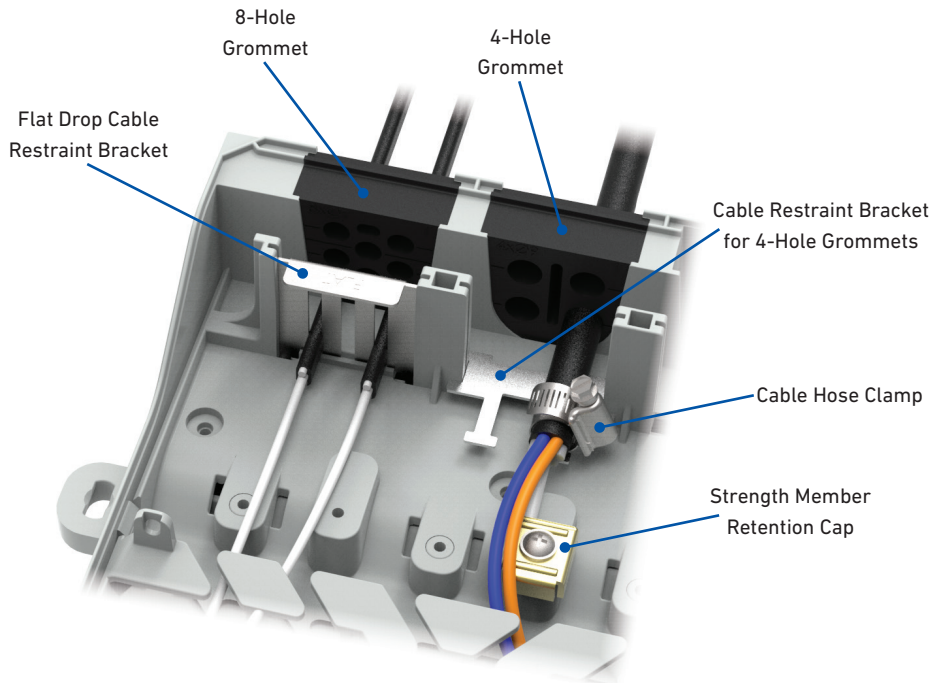
FEATURES AND BENEFITS

- Available in three different sizes (DEN2, DEN3, and DEN5) for either direct splice or cross-connect applications
- Can be directly mounted to an interior or exterior wall or banded to a pole
- Hinged cover that secures to the base with either locking tabs or hinging latches
- Optional lock for added security of the cover to the base
- Flexible grommet sealing system supports round and flat cable profiles
- Organizers are designed to accept flip trays which allow easy access to fibers and slack buffer tubes
- Flip trays store single fusion or PLC splitters
- Cross-connect organizer in the largest wall box size (DEN5) utilizes a flip cassette system for better management of patch cord routing and fiber connections
- Cross-connect organizers are compatible with SC or LC adapters (APC or UPC)
- Grommets, splice trays/cassettes, and organizer are supplied with each wall box
- Designed and tested in accordance with IEC 61753-1 Category A and rated to IP-65 requirements

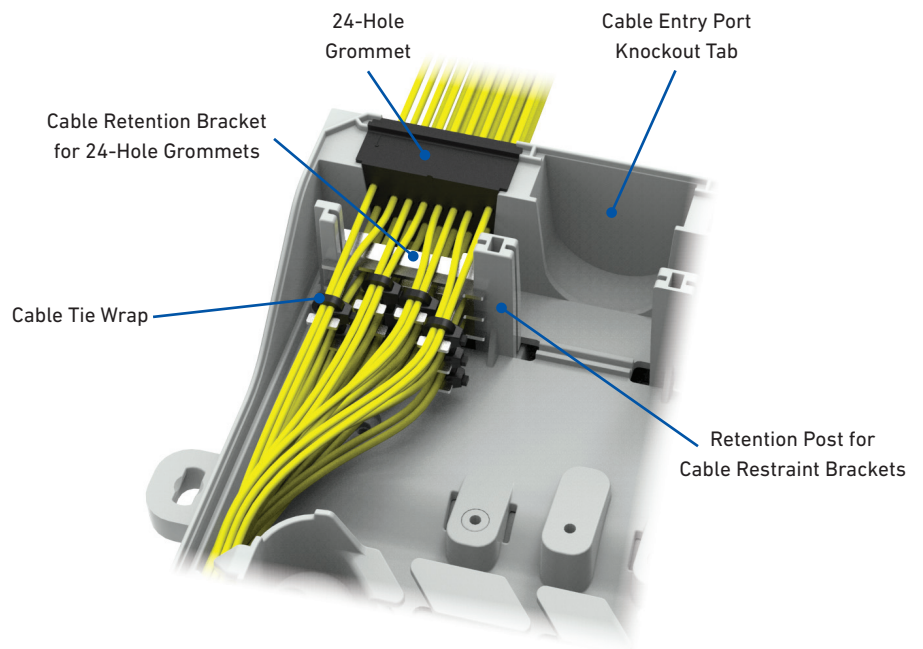


CABLE SEALING AND RETENTION

- The grommet sealing system provides a secure seal around each cable without the need for scuffing, adhesives, and sealing tapes
- Grommets support round and flat cable profiles
- Grommets have multiple holes to allow multiple cables to enter a single cable entry port and can be slit for expressed cable applications
- Cable retention hardware is designed to provide pull-out strength and restrict strength members from pistoning inside the closure
- Attachment of cable restraint brackets to cables can occur outside of the wall box prior to inserting the cables into the base



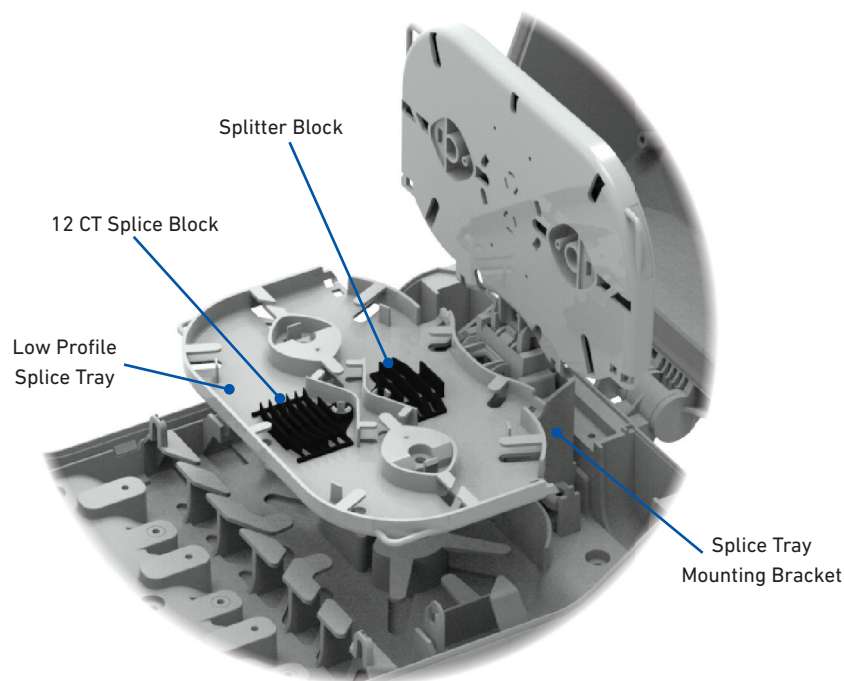
Cable Sealing and Retention of Round and Flat Drop Cables



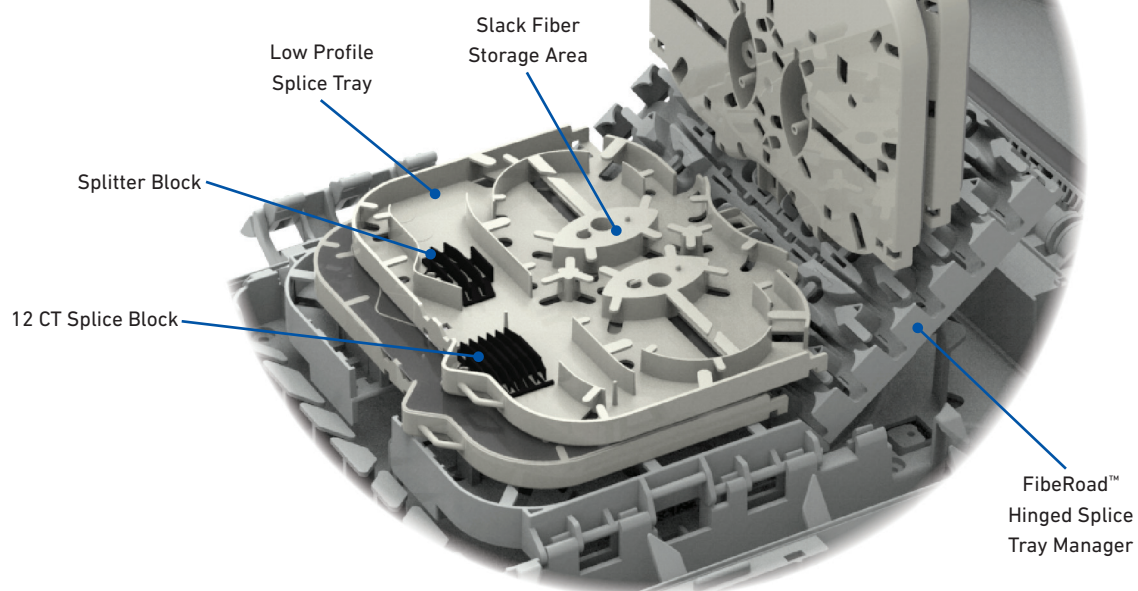
Cable Sealing and Retention of Jumper Cables

FLIP SPLICE TRAY MANAGEMENT SYSTEM

- Modular design allows the splice trays to hinge upward to gain access to splice trays and slack buffer tubes
- Intergrated locking feature prevents splice trays from rotating while in the upward position
- Both low profile and deep-profile splice trays support up to 24 single fusion splices or 12 single fusion splices and 3 PLC Splitters
- Low profile splice trays are used in the COYOTE DEN2 and DEN3
- Deep-profile splice trays are used in the COYOTE DEN5



Flip Splice Tray Management System with Low Profile Splice Tray

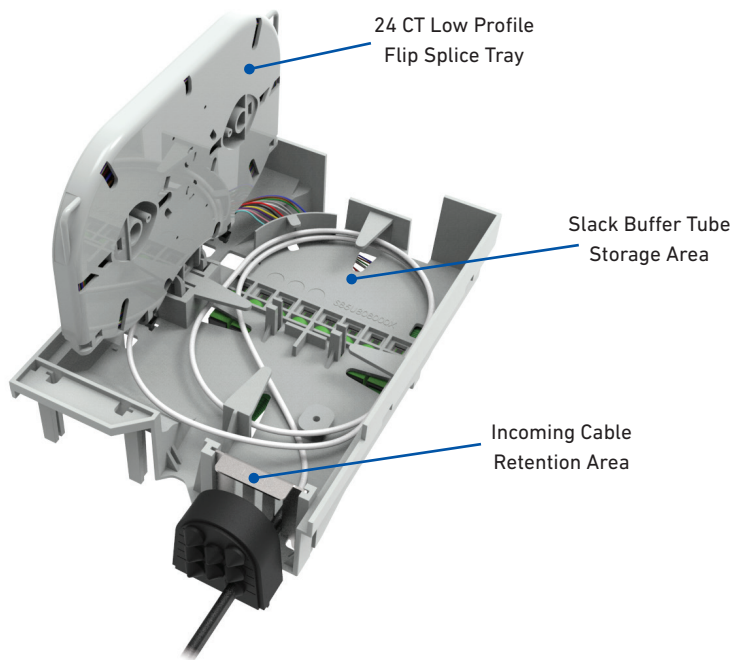


Flip Splice Tray Management System with Deep Profile Splice Tray

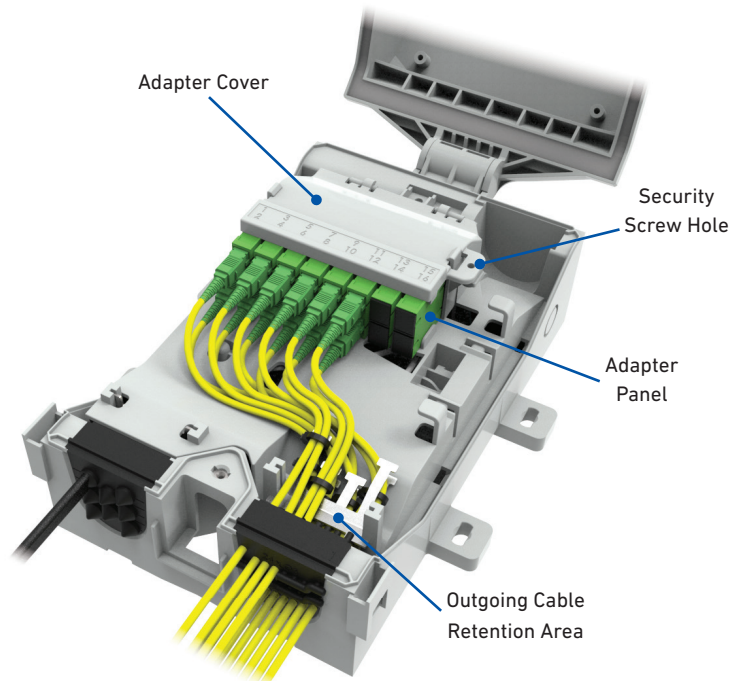


CROSS-CONNECT ORGANIZER SYSTEMS FOR COYOTE® DEN2 & DEN3

- Removable organizers that protect the splice tray and buffer tubes from being tampered with once installed into the wall box
- Allows for incoming cables to be installed and spliced outside of the wall box
- Utilizes a 24 CT low profile flip splice tray to allow access to slack buffer tube storage
- Adapter cover protects incoming connections from being tampered with
- COYOTE DEN2 organizer accepts up to 8 duplex SC or quad LC connectors (16 SC or 32 LC connections)
- COYOTE DEN3 organizer accepts up to 12 duplex SC or quad LC connectors (24 SC or 48 LC connections)



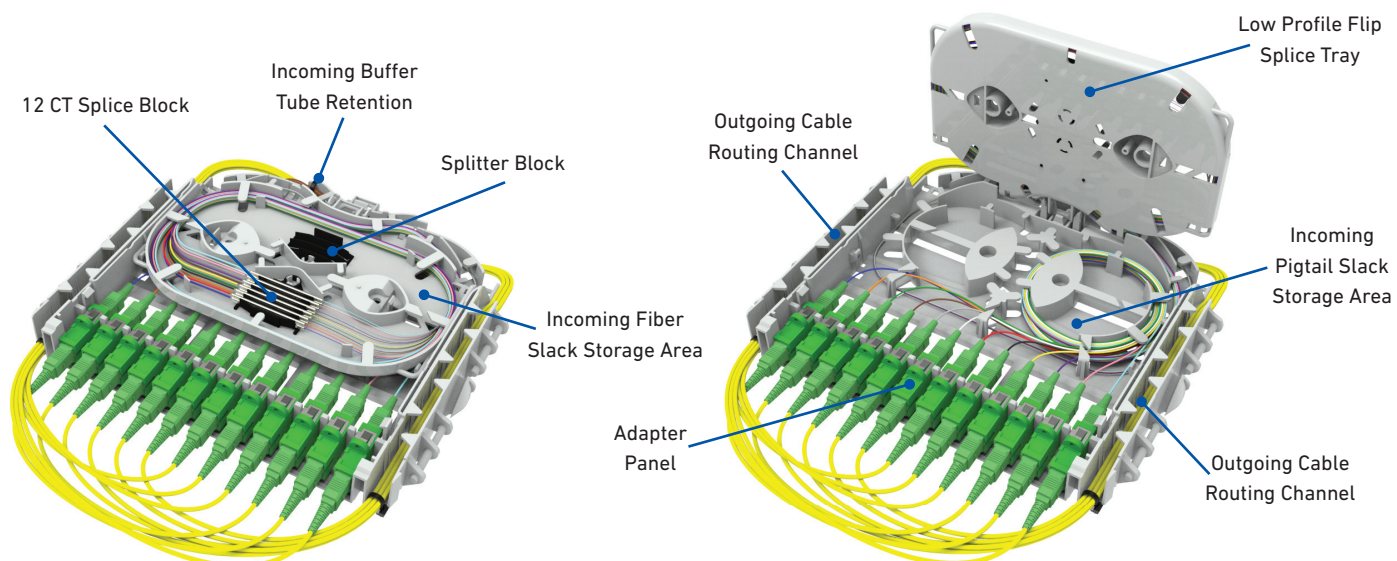
Bottom of COYOTE DEN2 Cross-Connect Organizer



Top of COYOTE DEN2 Cross-Connect Organizer

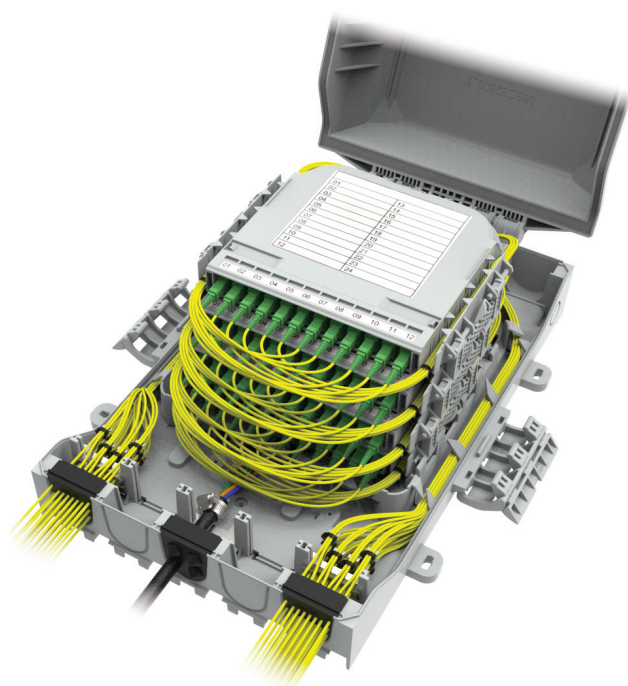
CROSS-CONNECT ORGANIZER SYSTEM FOR COYOTE® DEN5

- Organizer can be removed from the wall box to enable better access to routing features
- Utilizes a cassette tray system that allows splicing and fiber connections to be made on the same tray
- Modular design allows the cassette trays to rotate to gain access to fiber connections or slack buffer tubes
- Routing channels on the sides of each cassette tray allow incoming jumper cables or connectorized drop cables to route from the back of the wall box
- Cassette trays support up to 24 single fusion splices or 12 single fusion splices and 3 PLC Splitters
- Cassette trays accept up to 12 simplex SC or duplex LC connectors (12 SC or 24 LC connections)

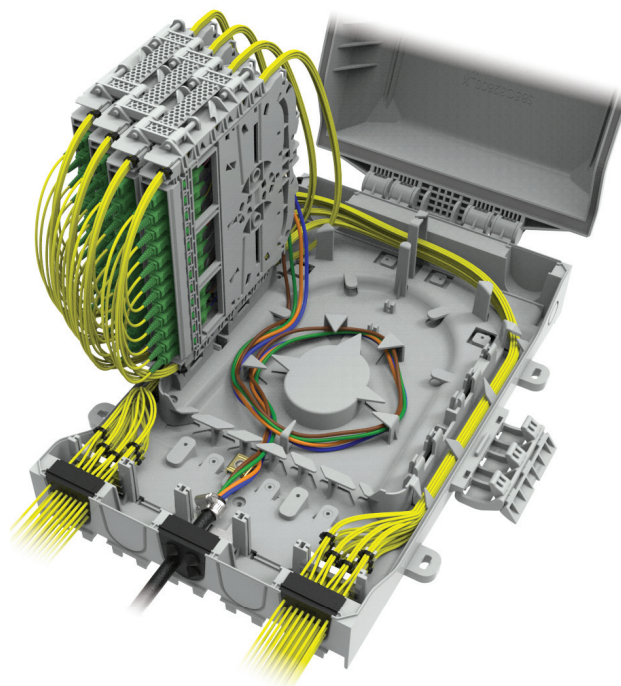


Cassette Tray with Cover Removed

Cassette Tray with Splice Tray Rotated



COYOTE DEN5 Cross-Connect Organizer
with 4 Cassette Trays



COYOTE DEN5 Cross-Connect Organizer with
Cassette Trays Rotated



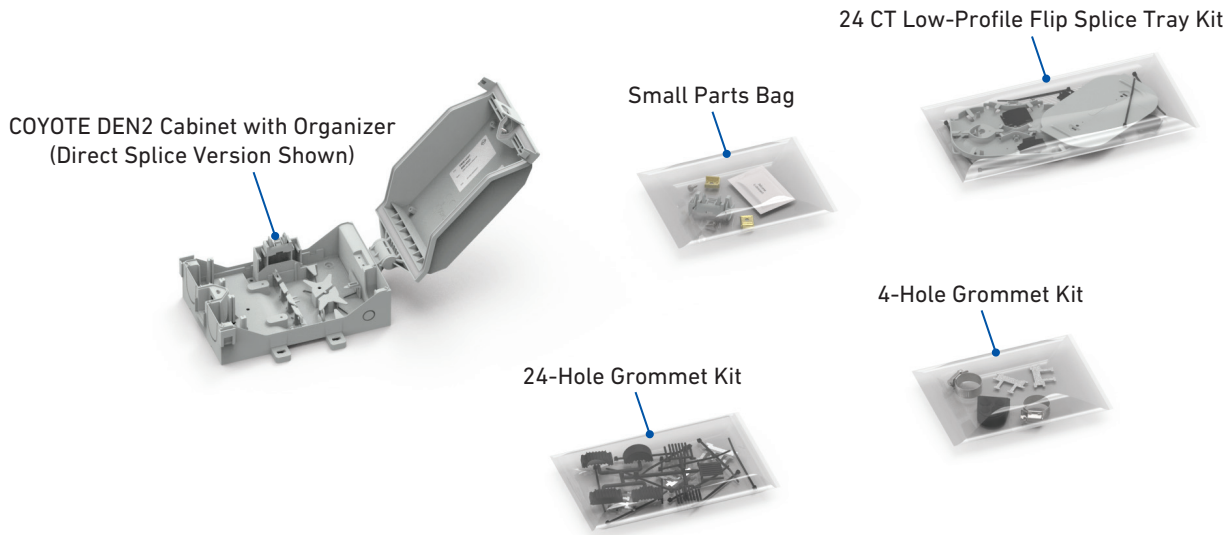
COYOTE® DEN2

Specifications

Catalog Number	COYDEN2-SPL	COYDEN2-XC
Application	Direct Splice	Cross Connect
Splice Capacity (Maximum)	48 CT Single Fusion	24 CT Single Fusion
Number of Splice Trays (Maximum)	2 Low Profile	1 Low Profile
Adapter Port Quantity (Maximum)	Not Available	16 SC (Duplex) or 32 LC (Quad)
Indoor Cable Ports ^{1,3}	5	
Outdoor Cable Ports ^{2,3}	2	
Cable Diameters	0.07" – 0.12" (1.8 – 3.0 mm) & 0.14" – 0.51" (3.6 mm – 13.0 mm)	
Configuration	In-Line or Butt	
Application	Wall or Pole Mount	
Ingress Protection	IP-65	
Flame Protection	V0	
Size	9.9" L x 5.9" W x 3.3" H (252 x 150 x 85 mm)	

¹ Cable ports located on all sides of the wall box can be used for indoor applications.
² Cable ports located at bottom of the wall box can only be used for outdoor applications.
³ Multi-hole grommets allow for more than one cable to enter each cable port.

Components



COYOTE DEN2 Wall Box Kits

Catalog Number	Description
COYDEN2-SPL	COYOTE DEN2 Wall Box with Direct Splice Organizer – Includes (2) COYOTE DEN 24 CT Low Profile Flip Splice Tray Kits, (1) 4-Hole Grommet Kit: (2 Holes) 0.38" – 0.46" (9.7 – 11.7 mm) & (2 Holes) 0.46" – 0.51" (11.7 – 13.0 mm), (1) 24-Hole Grommet Kit: (24 Holes) 0.07" – 0.12" (1.8 – 3.0 mm), & (1) Small Parts Bag
COYDEN2-XC	COYOTE DEN2 Wall Box with Cross-Connect Organizer – Includes (1) COYOTE DEN 24 CT Low Profile Flip Splice Tray Kits, (1) 4-Hole Grommet Kit: (2 Holes) 0.38" – 0.46" (9.7 – 11.7 mm) & (2 Holes) 0.46" – 0.51" (11.7 – 13.0 mm), (1) 24-Hole Grommet Kit: (24 Holes) 0.07" – 0.12" (1.8 – 3.0 mm), & (1) Small Parts Bag

COYOTE® DEN3

Specifications

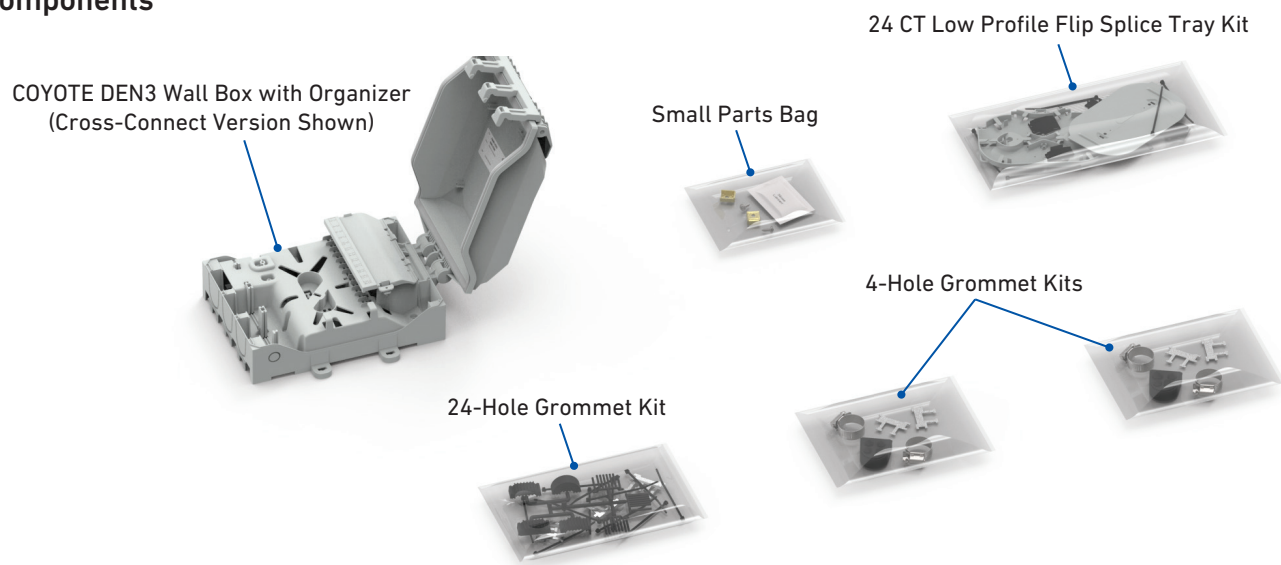
Catalog Number	COYDEN3-SPL	COYDEN3-XC
Application	Direct Splice	Cross Connect
Splice Capacity (Maximum)	96 CT Single Fusion	48 CT Single Fusion
Number of Splice Trays (Maximum)	4 Low Profile	2 Low Profile
Adapter Port Quantity (Maximum)	Not Available	24 SC (Duplex) or 48 LC (Quad)
Indoor Cable Ports ^{1,3}	7	
Outdoor Cable Ports ^{2,3}	3	
Cable Diameters	0.07" – 0.12" (1.8 – 3.0 mm) & 0.14" – 0.51" (3.6 mm – 13.0 mm)	
Configuration	In-Line or Butt	
Application	Wall or Pole Mount	
Ingress Protection	IP-65	
Flame Protection	V0	
Size	11.6" L x 7.4" W x 4.2" H (295 x 187 x 106 mm)	

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² Cable ports located at bottom of the wall box can only be used for outdoor applications.

³ Multi-hole grommets allow for more than one cable to enter each cable port.

Components



COYOTE DEN3 Wall Box Kits

Catalog Number	Description
COYDEN3-SPL	COYOTE DEN3 Wall Box with Direct Splice Organizer – Includes (4) COYOTE DEN 24 CT Low Profile Flip Splice Tray Kits, (1) 4-Hole Grommet Kit: (4 Holes) 0.30" – 0.38" (7.6 – 9.7 mm), (1) 4-Hole Grommet Kit: (2 Holes) 0.38" – 0.46" (9.7 – 11.7 mm) & (2 Holes) 0.46" – 0.51" (11.7 – 13.0 mm), (1) 24-Hole Grommet Kit: (24 Holes) 0.07" – 0.12" (1.8 – 3.0 mm), & (1) Small Parts Bag
COYDEN3-XC	COYOTE DEN3 Wall Box with Cross-Connect Organizer – Includes (2) COYOTE DEN 24 CT Low Profile Flip Splice Tray Kits, (1) 4-Hole Grommet Kit: (4 Holes) 0.30" – 0.38" (7.6 – 9.7 mm), (1) 4-Hole Grommet Kit: (2 Holes) 0.38" – 0.46" (9.7 – 11.7 mm) & (2 Holes) 0.46" – 0.51" (11.7 – 13.0 mm), (1) 24-Hole Grommet Kit: (24 Holes) 0.07" – 0.12" (1.8 – 3.0 mm), & (1) Small Parts Bag



COYOTE® DEN5 FOR DIRECT SPLICE APPLICATIONS

Specifications

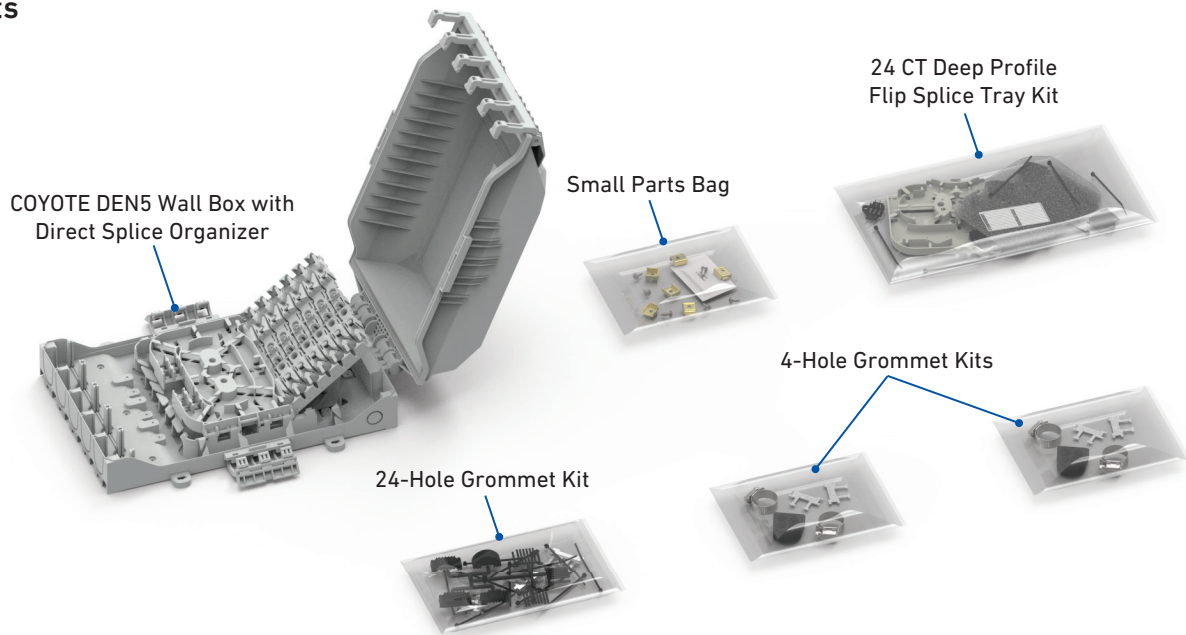
Catalog Number	COYDEN5-SPL
Application	Direct Splice
Splice Capacity (Maximum)	96 CT Single Fusion
Number of Splice Trays (Maximum)	4 Deep Profile
Indoor Cable Ports ^{1,3}	9
Outdoor Cable Ports ^{2,3}	5
Cable Diameters	0.07" – 0.12" (1.8 – 3.0 mm) & 0.14" – 0.51" (3.6 mm – 13.0 mm)
Configuration	In-Line or Butt
Application	Wall or Pole Mount
Ingress Protection	IP-65
Flame Protection	V0
Size	16.8" L x 11.4" W x 5.2" H (427 x 290 x 132 mm)

¹ Cable ports located on all sides of the wall box can be used for indoor applications.

² Cable ports located at bottom of the wall box can only be used for outdoor applications.

³ Multi-hole grommets allow for more than one cable to enter each cable port.

Components



COYOTE DEN5 Wall Box Kit for Direct Splice Applications

Catalog Number	Description
COYDEN5-SPL	COYOTE DEN5 Wall Box with Direct Splice Organizer – Includes (4) COYOTE DEN 24 CT Deep Profile Flip Splice Tray Kits, (1) 4-Hole Grommet Kit: (2 Holes) 0.38" – 0.46" (9.7 – 11.7 mm) & (2 Holes) 0.46" – 0.51" (11.7 – 13.0 mm), (1) 24-Hole Grommet Kit: (24 Holes) 0.07" – 0.12" (1.8 – 3.0 mm), & (1) Small Parts Bag

COYOTE® DEN5 FOR CROSS-CONNECT APPLICATIONS

Specifications

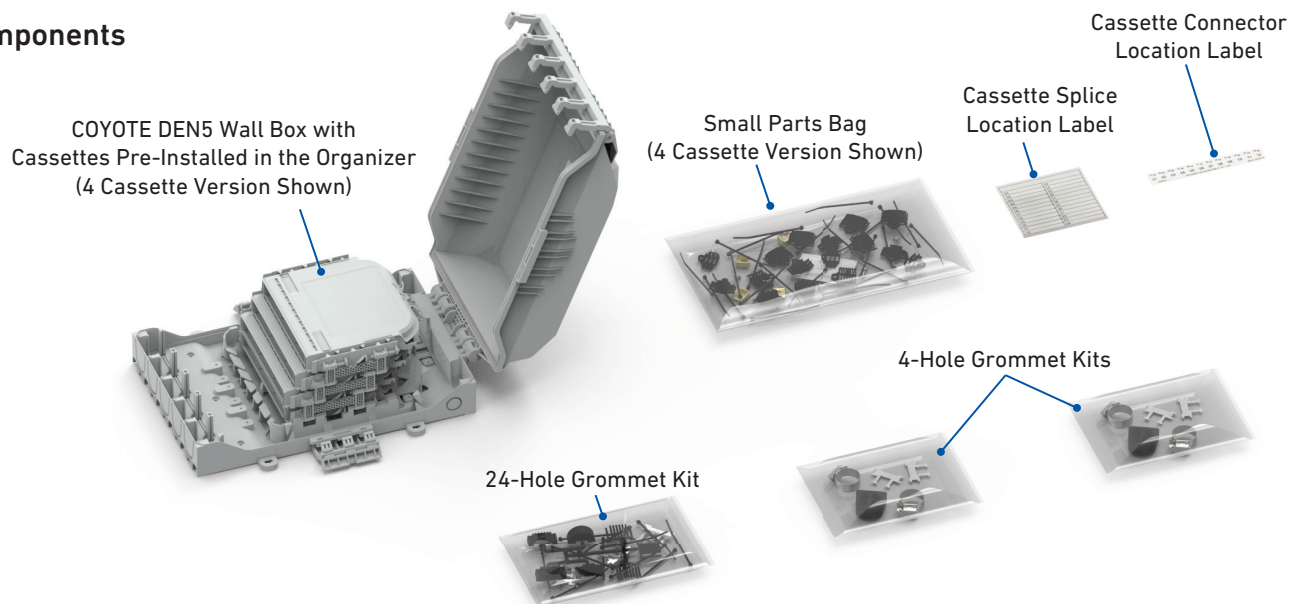
Catalog Number	COYDEN5-CSTE2	COYDEN5-CSTE4
Application	Cross Connect	
Splice Capacity (Maximum)	48 CT Single Fusion	96 CT Single Fusion
Number of Cassettes (Maximum)	2	4
Adapter Port Quantity (Maximum)	24 SC (Simplex) or 48 LC (Duplex)	48 SC (Simplex) or 96 LC (Duplex)
Indoor Cable Ports ^{1,3}	9	
Outdoor Cable Ports ^{2,3}	5	
Cable Diameters	0.07" – 0.12" (1.8 – 3.0 mm) & 0.14" – 0.51" (3.6 mm – 13.0 mm)	
Configuration	In-Line or Butt	
Application	Wall or Pole Mount	
Ingress Protection	IP-65	
Flame Protection	V0	
Size	16.8" L x 11.4" W x 5.2" H (427 x 290 x 132 mm)	

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Components



COYOTE DEN5 Wall Box Kits for Cross-Connect Applications

Catalog Number	Description
COYDEN5-CSTE2	COYOTE DEN5 Wall Box with 2 Cassette Trays – Includes (2) Cassette Splice Location Labels, (2) Cassette Connector Location Labels, (1) 4-Hole Grommet Kit: (2 Holes) 0.38" – 0.46" (9.7 – 11.7 mm) & (2 Holes) 0.46" – 0.51" (11.7 – 13.0 mm), (2) 24-Hole Grommet Kit: (24 Holes) 0.07" – 0.12" (1.8 – 3.0 mm), & (1) Small Parts Bag
COYDEN5-CSTE4	COYOTE DEN5 Wall Box with 4 Cassette Trays – Includes (4) Cassette Splice Location Labels, (4) Cassette Connector Location Labels, (1) 4-Hole Grommet Kit: (2 Holes) 0.38" – 0.46" (9.7 – 11.7 mm) & (2 Holes) 0.46" – 0.51" (11.7 – 13.0 mm), (2) 24-Hole Grommet Kit: (24 Holes) 0.07" – 0.12" (1.8 – 3.0 mm), & (1) Small Parts Bag



COYOTE® DEN GROMMETS



Catalog Number: **80814377**
 24-Hole Grommet
 0.07" – 0.12"
 (1.8 mm – 3.0 mm)

Catalog Number: **80814378**
 12-Hole Grommet
 0.14" – 0.22"
 (3.6 mm – 5.6 mm)

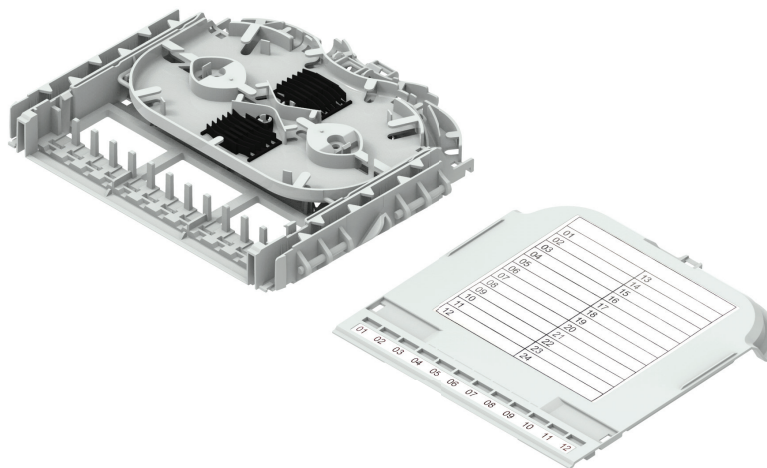
Catalog Number: **80814379**
 8-Hole Grommet
 0.22" – 0.30"
 (5.6 mm – 7.6 mm)
 and Flat Drop



Catalog Number: **80814380**
 4-Hole Grommet
 0.30" – 0.38"
 (7.6 mm – 9.6 mm)

Catalog Number: **80814381**
 4-Hole Grommet
 0.38" – 0.42"
 (9.6 mm – 10.6 mm)
 0.42" – 0.51"
 (10.6 mm – 13.0 mm)

COYOTE® DEN5 CASSETTE



Catalog Number: **80814325**
 Cross-Connect
 24 CT Single Fusion Cassette
 (For COYOTE DEN5 Cross-Connect)

COYOTE® DEN SPLICE TRAY ACCESSORIES



**40 mm Heat Shrink
Splice Protector -
Single Fusion**



**60 mm Heat Shrink
Splice Protector -
Single Fusion**



Buffer Tube Felt Strip

Accessory Kits for COYOTE® DEN Splice Trays

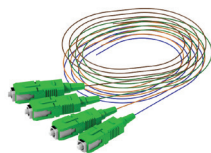
Catalog Number	Description
80808187	Heat Shrink Splice Protector Kit – Includes (12) 40 mm Single Fusion
8004095	Heat Shrink Splice Protector Kit – Includes (50) 40 mm Single Fusion
8003509	Heat Shrink Splice Protector Kit – Includes (12) 60 mm Single Fusion
8003717	Heat Shrink Splice Protector Kit – Includes (50) 60 mm Single Fusion
8003490	Felt Tape Kit – Includes (6) 9" Long Buffer Tube Felt Strips



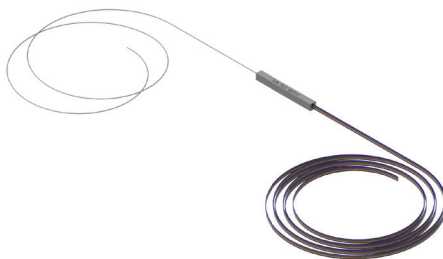
COYOTE® CROSS-CONNECT ACCESSORIES



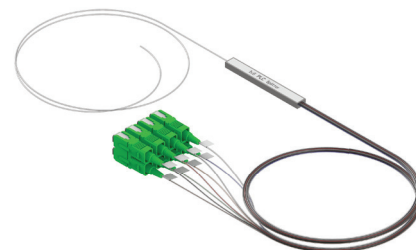
SC/APC Simplex Adapter



4 Pack of 1.5 Meter SC/APC 900µm Color Coded Pigtailed



1x16 PLC Bare Fiber Splitter



1x8 SC/APC PLC Pre-Connectorized Splitter

COYOTE® Cross-Connect Accessory Kits

Catalog Number	Description
80813593	Adapter Kit – Includes (8) SC/APC Simplex Adapters
80813594	Adapter Kit – Includes (8) SC/UPC Simplex Adapters
80813595	Adapter Kit – Includes (8) SC/APC Duplex Adapters
80813596	Adapter Kit – Includes (8) SC/UPC Duplex Adapters
80813597	Adapter Kit – Includes (8) LC/APC Duplex Adapters
80813598	Adapter Kit – Includes (8) LC/UPC Duplex Adapters
80813599	Adapter Kit – Includes (8) LC/APC Quad Adapters
80813600	Adapter Kit – Includes (8) LC/UPC Quad Adapters
800013979	Fiber Pigtail Kit – Includes (2) 1.5 m SC/APC 900 µm Color Coded Pigtailed
800014109	Fiber Pigtail Kit – Includes (2) 1.5 m SC/UPC 900 µm Color Coded Pigtailed
800013980	Fiber Pigtail Kit – Includes (3) 1.5 m SC/APC 900 µm Color Coded Pigtailed
800014110	Fiber Pigtail Kit – Includes (3) 1.5 m SC/UPC 900 µm Color Coded Pigtailed
800015055	Fiber Pigtail Kit – Includes (4) 1.5 m SC/APC 900 µm Color Coded Pigtailed
80812558	Fiber Pigtail Kit – Includes (4) 1.5 m SC/UPC 900 µm Color Coded Pigtailed
80812983	Fiber Pigtail Kit – Includes (2) 1.5 m LC/APC 900 µm Color Coded Pigtailed
80812985	Fiber Pigtail Kit – Includes (2) 1.5 m LC/UPC 900 µm Color Coded Pigtailed
80812559	Fiber Pigtail Kit – Includes (4) 1.5 m LC/APC 900 µm Color Coded Pigtailed
80812560	Fiber Pigtail Kit – Includes (4) 1.5 m LC/UPC 900 µm Color Coded Pigtailed
COYSP1X2 ¹	COYOTE Bare Fiber Splitter – 1x2
COYSP1X4 ¹	COYOTE Bare Fiber Splitter – 1x4
COYSP1X8 ¹	COYOTE Bare Fiber Splitter – 1x8
COYSP1X16 ¹	COYOTE Bare Fiber Splitter – 1x16
COYSP1X32 ¹	COYOTE Bare Fiber Splitter – 1x32
COYSP1X2SCA	COYOTE Pre-Connectorized Splitter – 1x2 SC/APC
COYSP1X4SCA	COYOTE Pre-Connectorized Splitter – 1x4 SC/APC
COYSP1X8SCA	COYOTE Pre-Connectorized Splitter – 1x8 SC/APC

¹ Add Suffix: -S for 250 µm Output Legs



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