

C-LIBERTY™

Compact PON or Cross Connect
Fiber Distribution Enclosure



AMERICAN®
PRODUCTS 

C-LIBERTY™ PON or Cross Connect Series Key Features

High-Density PON or Cross Connect Fiber Distribution – Pre-configured with 48, 72, 96, and 144 SC/APC ports and a 100-foot stub cable, enabling fast, efficient deployment in the field.

Universal Mounting Options – Supports pole, pad, wall, and H-frame installations, offering maximum flexibility across a variety of deployment scenarios.

Removable Break-Out Fiber Management Panel – Provides unobstructed access, allowing you to easily perform maintenance and installation tasks without disturbing existing terminations.



Space-Efficient Fanout Design – Manages a 100-foot, up to 144-count stub cable while preserving internal space and maintaining accessibility.

Flexible Connectivity – Supports 1×8 to 1×32 split configurations and is compatible with most splitter cartridges, ensuring seamless integration into existing network architectures.

AP C-LIBERTY™ PON or Cross Connect Series Options

PON Splitters

- 1x8
- 1x16
- 1x32

Mounting

- Pad
- Pole
- Wall
- H-Frame

Fiber Pigtail

- Pre-Connectorized SC APC
- Fiber count 48, 72, 96 or
- 144 Loose tube
- 100' cable

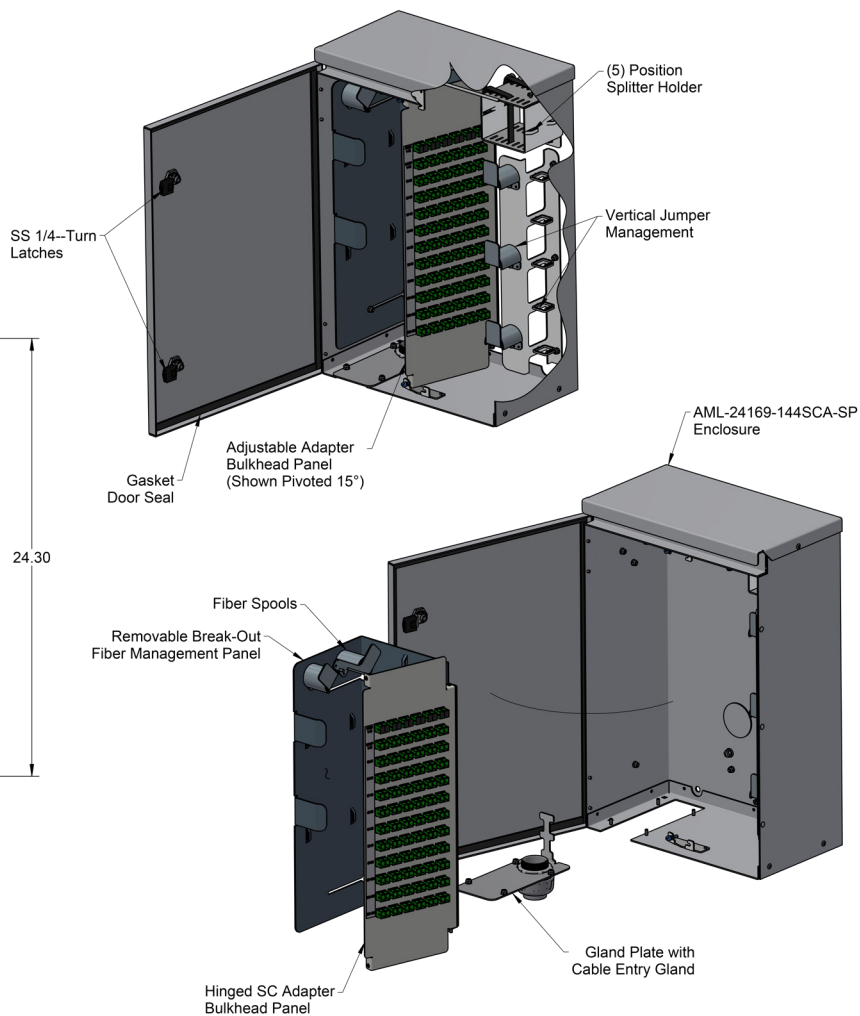
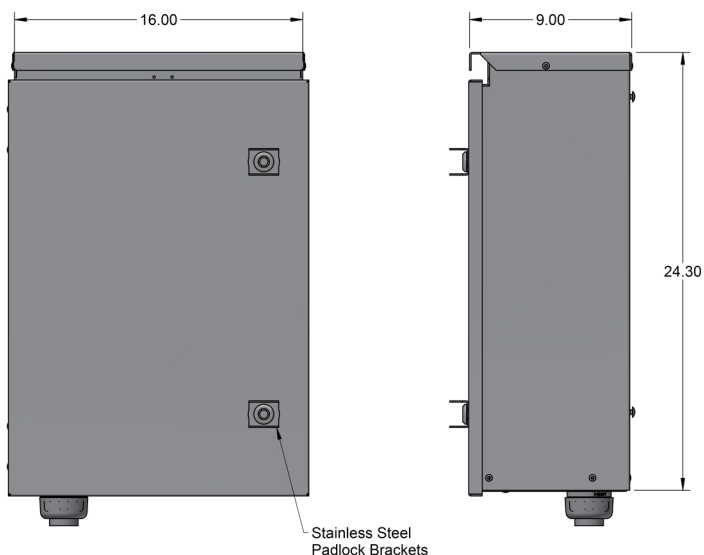
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AP C-Liberty™ PON Series Measurement & Basic Layout

AML-24169-144SCA-SP

Pre-Configured PON cabinet with SC/APC 100' Stub cable



NOTES:

1. (1) SEALING COMPRESSION GLAND INCLUDED FOR BOTTOM CABLE ENTRANCE.
2. 100' LONG BEND INSENSITIVE LOOSE TUBE SC/APC PRE-TERMINATED PIGTAIL IN 48, 72, 96 OR 144 FIBER COUNTS INCLUDED.

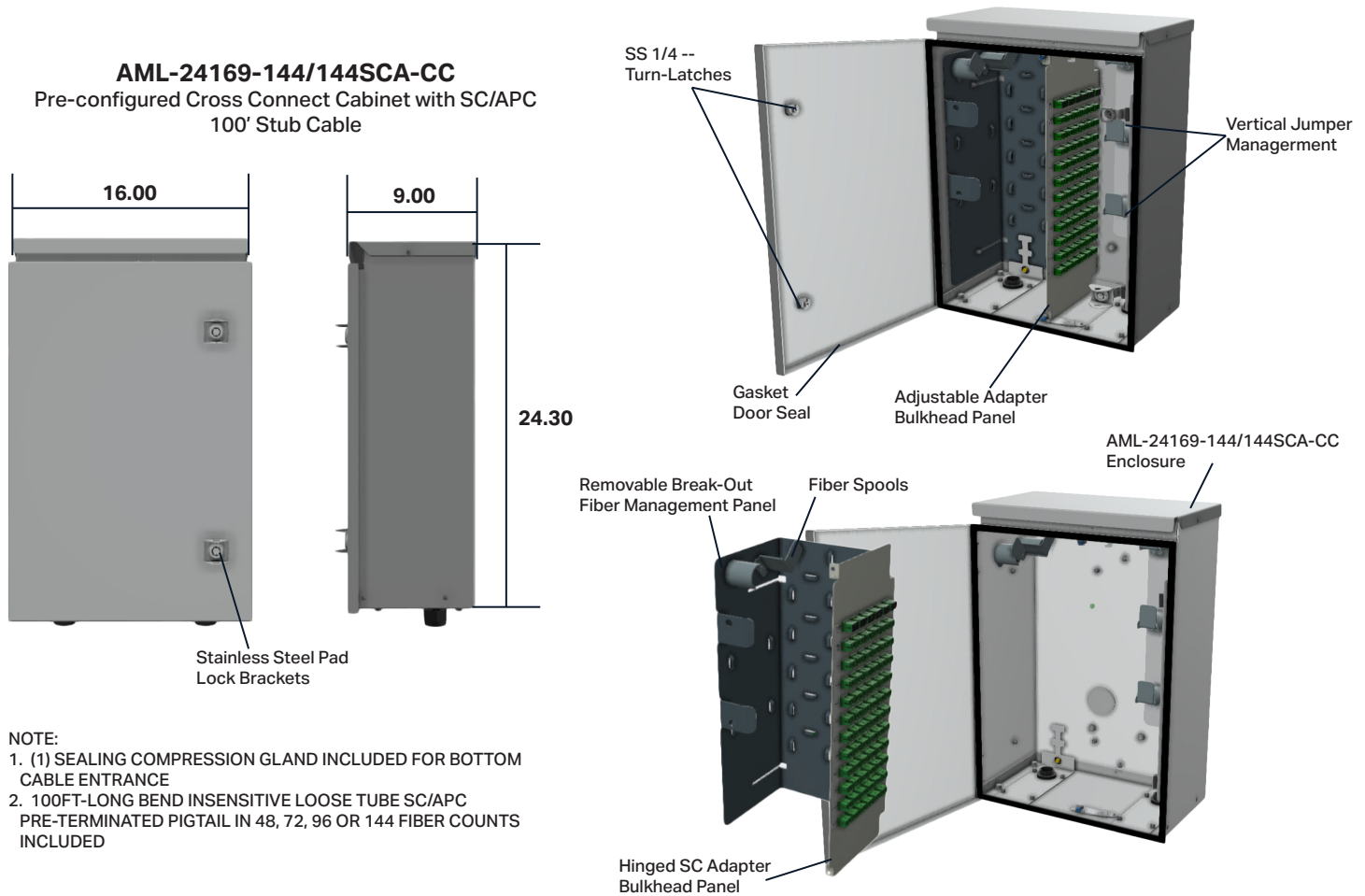
AP C-Liberty™ PON Series Technical Specifications

PART	HxWxD	MOUNTING	NEMA	ACCESS	SPLITTER CAPACITY	SC PORT CAPACITY	EST. WEIGHT
AML-24169-48SCA-SP	24x16x9	Pad, Pole, Wall, H-Frame	3R	Front/Removable Patch Panel	5 Cartridge Style	48	TBD
AML-24169-72SCA-SP	24x16x9	Pad, Pole, Wall, H-Frame	3R	Front/Removable Patch Panel	5 Cartridge Style	72	TBD
AML-24169-96SCA-SP	24x16x9	Pad, Pole, Wall, H-Frame	3R	Front/Removable Patch Panel	5 Cartridge Style	96	TBD
AML-24169-144SCA-SP	24x16x9	Pad, Pole, Wall, H-Frame	3R	Front/Removable Patch Panel	5 Cartridge Style	144	TBD

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AP C-Liberty™ Cross Connect Series Measurement & Basic Layout



AP C-Liberty™ Cross Connect Series Technical Specifications

PART	HxWxD	MOUNTING	NEMA	ACCESS	SC PORT CAPACITY	EST. WEIGHT
AML-24169-48/48SCA-CC	24x16x9	Pad, Pole, Wall, H-Frame	3R	Front/Removable Patch Panel	48	TBD
AML-24169-72/72SCA-CC	24x16x9	Pad, Pole, Wall, H-Frame	3R	Front/Removable Patch Panel	72	TBD
AML-24169-96/96SCA-CC	24x16x9	Pad, Pole, Wall, H-Frame	3R	Front/Removable Patch Panel	96	TBD
AML-24169-144/144SCA-CC	24x16x9	Pad, Pole, Wall, H-Frame	3R	Front/Removable Patch Panel	144	TBD

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AP C-Liberty™ Series Technical Specifications

Capacity – 48, 72, 96, or 144 SC/APC connection.

Stub Cable – Includes a 100-foot stub cable, factory-installed and fully tested for reliable performance.

Mounting – Compatible with pole, pad, wall, or H-frame installations.

Compatibility – Works with most industry-standard cartridges and standard cartridge splitters.

Enclosure – Features a rugged, outdoor-rated cabinet with a secure closure system for long-term durability.

NEMA Type 3R protection – Shields internal components from falling dirt, dust, rain, sleet, snow, external ice formation, and splashing water.



Telcordia Compliance – Designed and manufactured to meet Telcordia specifications for telecom applications.

0.125 aircraft-grade aluminum – Offers excellent corrosion resistance in harsh outdoor conditions.

300 Series Stainless Steel Hardware – Provides extreme rust and corrosion protection for long-term reliability in the field.

Powder Coating – Standard beige powder-coated finish offer increased corrosion resistance and are verified by a 720-hour salt spray test. Custom colors are also available.

5-year warranty – Covers all American Products components for peace of mind and long-term value.

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