# VERTIV™ CXE AEX SERIES

Cross Connect Enclosures

## KEY FEATURES

- Pole-mounting bracket permits easy installation

- Stabilizer braces to maintain pole position

- Climb-assist handles for safety

- Top or bottom entrance ports for aerial or buried cables

- Equipped with RLS50 IDC terminal blocks for fast and easy pair-at-a-time no-strip jumpering

- High dielectric potting compound expands and contracts with temperature variations

- Three-point locking system provides cabinet security

- Overhanging rain guards, closed-cell neoprene door gasketing, and screened louvers keep out moisture, minimize condensation, provide weather protection, and restrict insect entry

- Vertiv CXE XC UC drop-down block-field provides easy, complete access to splice chamber

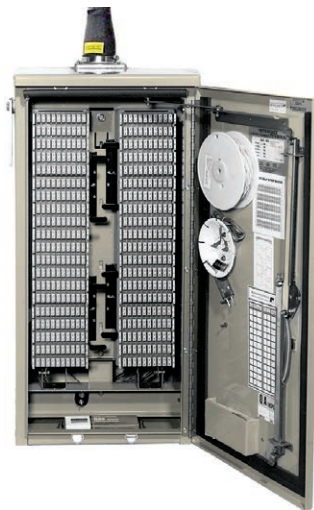- Designed to meet Telcordia GR-3115-CORE specification

The pole mounted Vertiv™ CXE AEX Series is an enhanced DRLS drop-down style cross-connect interface system that accommodates up to 2700 pairs.
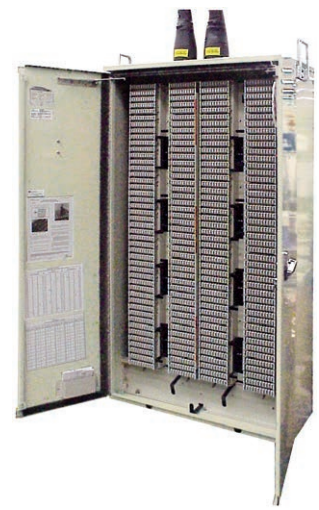
## Description

The Vertiv CXE AEX Series, formerly Aerial UltraCab®, is an integrated interface system consisting of a housing, terminal field, and cable to provide the interface between feeder and distribution cables. The cabinet is manufactured of light weight aluminum for easy installation and maintenance. Tin-plated screws and washers on binding post blocks prevent corrosion for longer and quieter life. The unit is available up to 2700 pair utilizing 50-pair RLS IDC (Insulation Displacement Connection) terminal blocks.

## Application

The AEX Series s designed to be pole-mounted with cable ports located at either the top or bottom. They are used in applications requiring up to 2700 pairs of terminations.



*400-Pair Aerial Cross Connect*



*1200-Pair Aerial Cross Connect*

## Dimensions

| PAIR RANGE | TERMINAL HOUSING DIMENSIONS | | | TERMINAL HOUSING BLOCK CONFIGURATION | | MAX. CABLE PORTS |
|---|---|---|---|---|---|---|
| | H | W | D | Across | Down | |
| 100-400 | 33-in. | 16-in. | 14-in. | 2 | 4 | 1 |
| 500-900 | 44.5-in. | 24-in. | 14-in. | 3 | 6 | 2 |
| 1000-1200 | 44.5-in. | 32.5-in. | 14-in. | 4 | 6 | 3 |
| 1300-1800 | 62-in. | 32.5-in. | 14-in. | 4 | 9 | 3 |
| 1900-2700 | 62-in. | 45.5-in. | 14-in. | 6 | 9 | 4 |

## Ordering Matrix – FSR Model

| DESCRIPTION | VALUE | | | | | |
|---|---|---|---|---|---|---|
| **Connection Type** | FSRS | = | Field splice, RLS-type* | | | |
| **Pair Count** | 400<br>600 | =<br>= | 400 pair<br>600 pair | 900 | = | 900 pair |
| **Port Location for Field Splice** | A | = | Field splice, stubless, top entry | U | = | Field splice, stubless, bottom entry |
| **Field Splice Connector Modules*** | CF<br><br>CBM | =<br><br>= | 710 connector, capless, female, gel-filled<br>3M 4005-CBM, gel filled | DPM<br>blank | =<br>= | 3M 4005-DPM, dry, (MS2)<br>Field splice harness, no connectors (FS) |
| **Color** | W | = | White | blank | = | Green |

\* Field splice cabinets have 25-pr. harnesses exiting from the back of the blocks.
  The 25-pr. connector modules are typically installed at the end of harnesses.

## Ordering Matrix – FSAD Model

| DESCRIPTION | VALUE | | | | | |
|---|---|---|---|---|---|---|
| **Stub Connection** | FS | = | Field splice* | blank | = | Factory pre-stubbed (manufacturer discontinued) |
| **Housing Type** | AD | = | Aerial Drop-Down UltraCab | | | |
| **Block Type** | RLS | = | IDC | | | |
| **Total Pair Count** | 1200<br>1500 | =<br>= | 1200 pair<br>1500 pair | 1800<br>2700 | =<br>= | 1800 pair<br>2700 pair |
| **Port Location for Field Splice** | A | = | Field splice, stubless, top entry | U | = | Field splice, stubless, bottom entry |
| **Splicing Connector*** | CF<br>CBM | =<br>= | 710<br>40005CBM | blank<br>DPM | =<br>= | Raw harness<br>40005DPM |
| **Color** | W | = | Off-white | G | = | Green |

\* Field splice cabinets have 25-pr. harnesses exiting from the back of the blocks.
  The connector modules are typically installed at the end of harnesses.