

General

This instruction sheet provides descriptions and instructions for installing the DSLAM-Z-IDC-A400-D01-2 panel kit. The CommScope AD-8C501-50, Group 1 (standard) or AD-8C801-50, Group 1 (seismic) network bay frames (or equivalent) are shown for reference only. The network bay frames **are not offered** as part of the Z-IDC panel kit and are ordered separately. After the mounting kit installation is complete, up to two 400-pair Z-IDC-A400-D01-AFE connecting blocks (up to 800-pair) can be mounted to the frame. The kit also provides cable support hardware and front and rear guardrail extensions for compatibility with the Lucent Stinger DSLAM.

How to Contact Us

- To find out more about **Carrier Apparatus** products, visit us on the web at: <http://cw.commscope.com/>
- For technical assistance regarding Carrier Apparatus products: contact your local CommScope account representative or CommScope technical support at 1-800-344-0223.
- Report any missing or damaged parts to CommScope customer service in Omaha, Nebraska, at 1-866-539-2795.

Tools Required

- Screwdriver, flat-bladed.

Ordering Information

Apparatus Code	Material ID	Description
DSLAM-Z-IDC-A400-D01-2	700 018 872	Z-IDC kit of parts for Lucent Stinger application

Reference

- 201-205-001—*Z-IDC Interconnect System, Reference Guide for Distributing Frame Applications*
- 201-205-001-19—*Z-IDC Interconnect System; Co-Location Connecting Block Application, Installation, and Frame Cabling on Lucent Network Bay Frames and Moreng Framework* (included with ZIDC-A400-D01-AFE, 400-pair block)
- 365-301-120-24—*ED-6C157-30 Framework Hardware for DSX1/1C and DIXI Systems Installation Procedures for Bay Spacing Hardware and Rear Cabling Hardware* (included with front guardrail extension kit)
- AD-8C501-50, Group 1—*Standard Network Bay Frame*
- AD-8C801-50, Group 1—*Seismic Network Bay Frame*.

Material ID 700 022 957
Instruction Sheet

Parts List

Verify parts according to the parts list shown below.

Qty.	Material ID	Apparatus Code/AD #	Description
28	100 963 982	A25D-10DBL	DSL cables—25-pair, double-ended, male-to-male connectorized cable, 10 foot (3 m)
1	108 704 875	ZIDC-84L23-MK-01	Vertical block mounting hardware and cable mounting kit
2	108 406 679	ZIDC-A400-D01-AFE	400-pair block
8	107 629 032	ZIDC-FB10-A01	Label kit
2	107 629 073	ZIDC-PP01-WH1-05	In/out test cords
1	107 629 081	ZIDC-DP01-WH1	Disconnect plugs (white, one pair, quantity: 100)
1	107 900 995	ZIDC-WT1	Wire-insertion tool
1	N/A	—	Rear guardrail extension kit, 5 inch (127 mm)
1	N/A	ED6C157-30, G50	Front guardrail extension kit, 3 inch (76 mm)
<p>Note: Nine digit Material ID ordering numbers do not contain spaces. They are included here for ease of reading.</p>			

STEP 1—Install DSLAM-Z-IDC-A400-D01-2 Kit of Parts (Consists of Z-IDC 400-Pair Connecting Blocks, Mounting Adapter Kit, and Front and Rear Guardrail Extensions)

Note:

The network bay frame is not included with the DSLAM-Z-IDC-A400-D01-2 kit of parts (Material ID 700 018 872).

The ZIDC-84L23-MK-01 mounting adapter kit (Material ID 108 704 875) contains more components than is required for this application. Any unused parts should be discarded. The instruction sheet included with the mounting adapter kit should also be discarded and not used.

The Stinger/DSLAM multiplexer is shown in the figures for reference only and is ordered separately.

1. Install the network bay frame using appropriate anchoring and support hardware. After the network bay frame is installed, proceed with the following instructions.
2. Using eight 12-24 by 1/2 inch (13 mm) long hex washerhead screws, install two connecting block mounting adapter brackets supplied with the ZIDC-84L23-MK-01 mounting adapter kit to the frame uprights. Install one adapter bracket at the top mounting plate position (No. 39) and the second adapter bracket so that it occupies half of both mounting plate positions No. 20 (upper half) and No. 21 (lower half). The screws may be installed into the frame with a few thread engagements first, then the adapter bracket can be slipped down over the screw heads. This will support adapter brackets while the screws are tightened. See Figure 1 and Figure 2.

Note:

Be sure mounting adapter brackets are installed on the network bay frame with the *hole pattern* for attaching the connecting blocks to the bracket shifted to the left. These brackets are not reversible.

The spare adapter bracket and four hex washerhead screws supplied with this kit can be discarded.

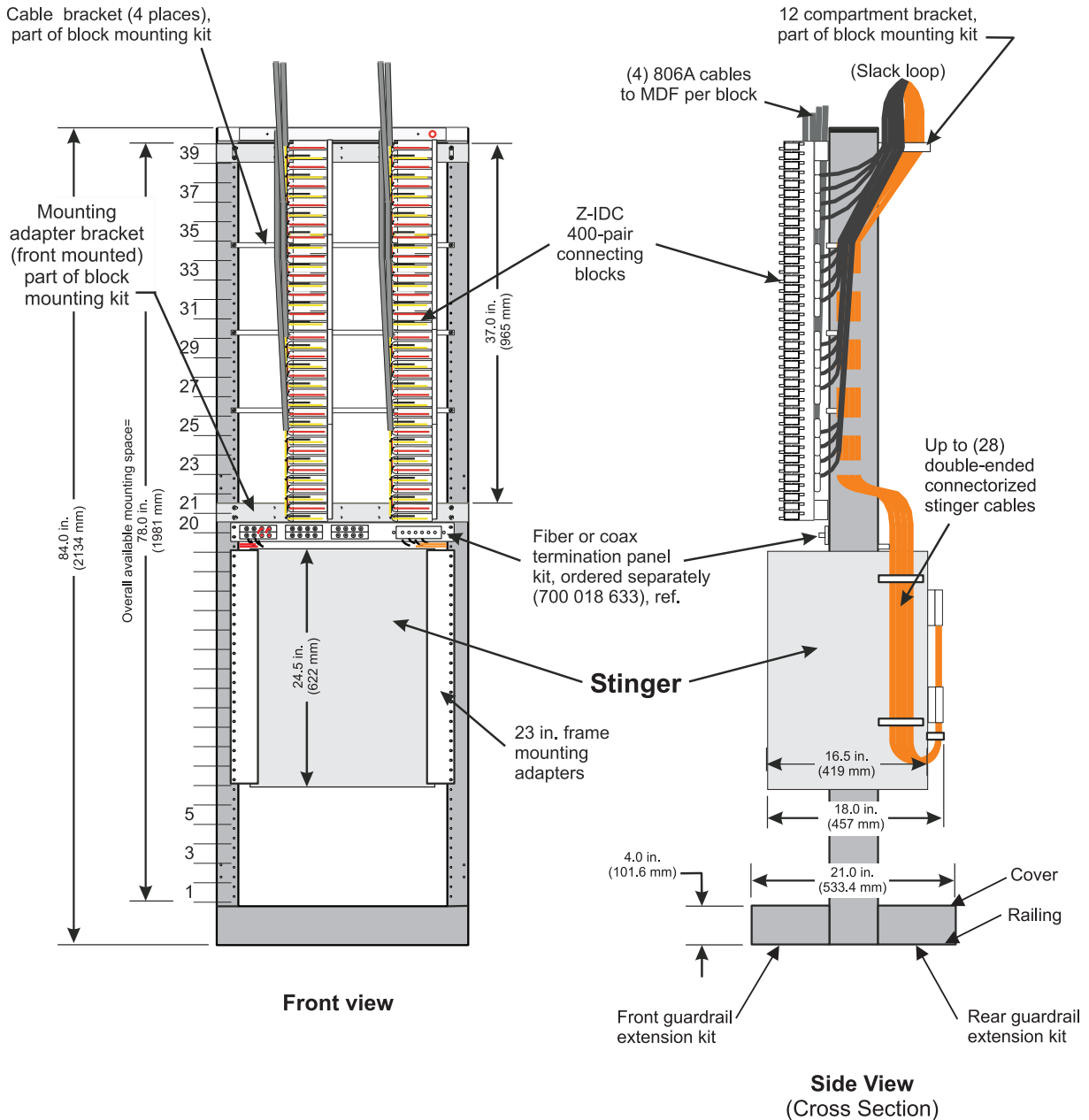
3. Install two 400-pair Z-IDC connecting blocks, using four 10-32 screws per block. Refer to instruction sheet 201-205-001-19 that is included with the 400-pair connecting block.
4. Using eight 12-24 by 3/8 inch slotted pan-head machine screws, install four cable support brackets supplied with the ZIDC-84L23-MK-01 mounting adapter kit to the frame uprights. Three of the brackets are mounted **on the front** of the frame uprights, with bends toward rear of frame, but behind the Z-IDC block and just above the lower three sets of four connectors on back of the connecting block. The fourth cable support bracket is mounted **on the rear** of the frame uprights, with bends toward rear of frame, in the lower half of mounting plate position No. 21 to support the Stinger/DSLAM cables above the fiber/coax panel (ordered separately). See Figure 1 and Figure 2.
5. Using two 12-24 by 3/8 inch slotted pan-head machine screws, install the 12-compartment cable support bracket supplied with the ZIDC-84L23-MK-01 mounting adapter kit in the topmost mounting holes of the frame uprights **on the rear** of the frame. This bracket provides additional cable support for cables terminated to the top portion of the connecting blocks. See side view of Figure 1.

Note:

The three spare cable support brackets and six screws supplied with this kit can be discarded.

6. Install the ED6C157-30, Group 50 front guardrail extension kit to the bay frame as described in instruction sheet 365-301-120-24, included with guardrail kit.

7. Using four 12-24 screws, install rear guardrail extension kit to bay frame. Install railing to the bay frame first and then install cover on railing.
8. Route the 28 DSL cables (A25D-10DBL) from the rear connector of the 400-pair connecting blocks to the appropriate connections on rear of the Stinger/DSLAM multiplexer. Dress and secure excess cable at the top of the bay. See Figure 2.



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Figure 1. Stinger/Z-IDC Co-Mounted Co-Location Arrangement

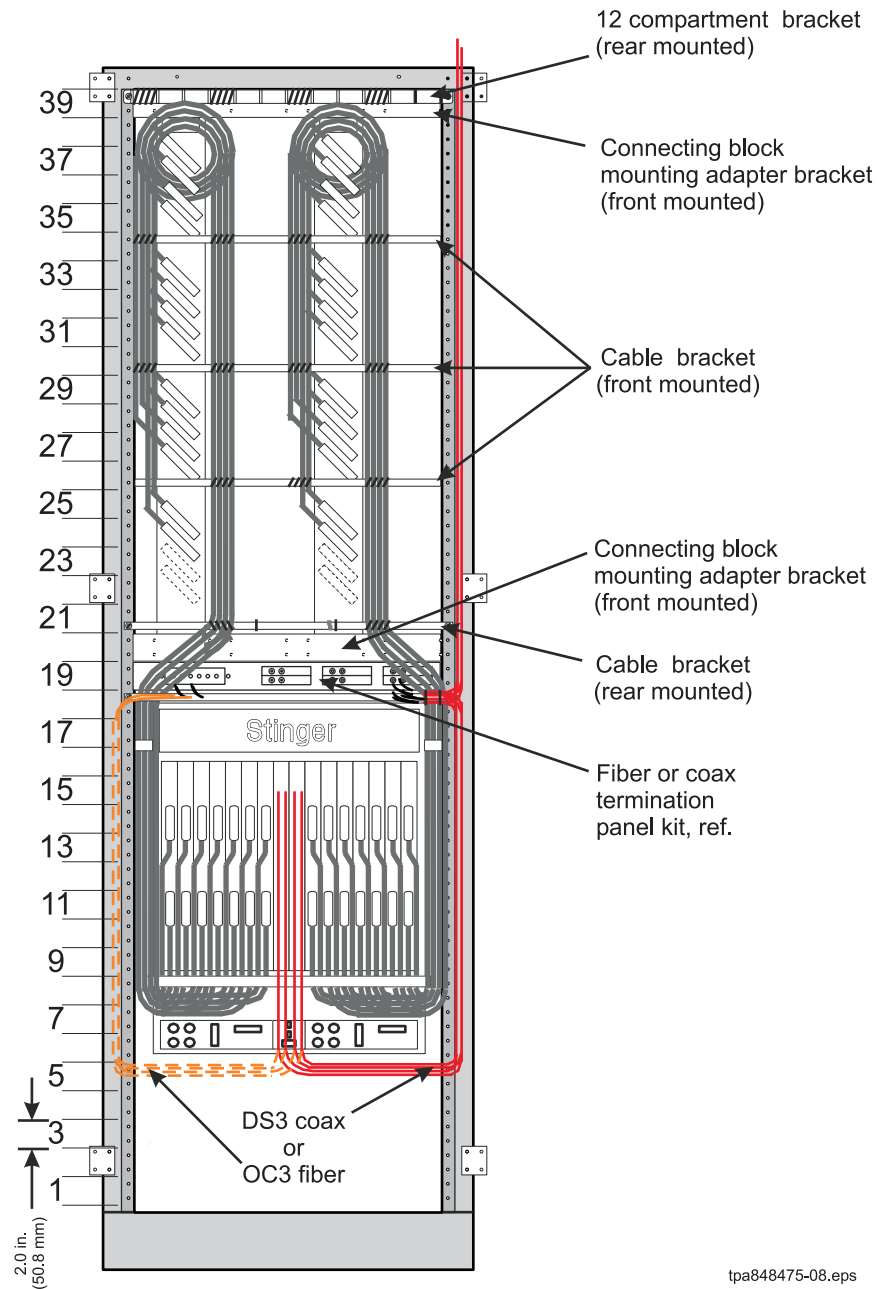


Figure 2. Stinger/Z-IDC Co-Mounted Co-Location Arrangement—Rear View

Note:

When routing optical cables, refer to the standards for cable bend radius.