

Vertical Mount with Cable-Hub 3-Slot Model VMC03-000

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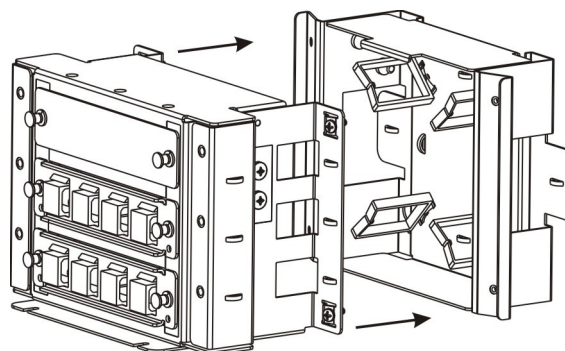


Figure 1. VMC03-000

1. GENERAL

1.1 The NAC VMC03-000 is a compact and versatile connectivity solution for service demarcations or inter-facilities termination points. The VMC03-000 is an ideal wall mountable housing designed to deliver multiple fiber services or a combination of fiber and multi-media services using three (3) NAC's VLX or any LGX™ compatible adapter panels. The VMC03-000 mounting has an easy accessible Cable-Hub ideal for managing excess cable.

1.2 This document was updated to correct errors and for clarity.

1.3 The VMC03-000 provides the following features and capabilities:

- Powder coated steel designed for carrier class applications and environments.
- Compact vertical size supporting three (3) LGX™ adapter panels.
- Installation flexibility
 - Front or horizontal
 - NEMA enclosure friendly
- Dual grounding screws for ground studs.
- Cable-Hub incorporated in mounting for additional cable management.

2. APPLICATIONS

2.1 The VMC03-000 is typically used as a service or extended service demarcation between the Service Providers and the End-Users, where installation space is a premium or where connectivity protection and security are required. (See section 4.3) The VMC03-000 is ideal for applications involving fiber or multi-media service demarcation or service termination handoffs at cell sites, buildings, or multi-tenet facilities. The VMC03-000 slim size can lend to installations in NEMA or GR-487 compliant cabinets or enclosures for outdoor applications.

3. DESCRIPTION

3.1 The VMC03-000 is a powder coated steel designed housing consisting of a front, two (2) sides, and a top/bottom. The front plate has three (3) aligned slots, where each slot supports NAC's VLX or any LGX™ compatible adapter panel. The VMC03-000 is provided with two (2) LGX™-118 type panels, each with four (4) Keystone ports and four (4) caps. It is also provided with one (1) LGX™-118 type blank panel. Refer to Figure 1. The VMC03-000 side plate has numerous openings and cable tie slots for cable management. The VMC03-000 has two sections that can separate to allow excess cable to be spooled. The right side plate also provides two (2) pre-installed grounding screws

with lock washers for ground lug support with a cable strap connecting the two sections. (See section 4.4)

4. INSTALLATION

4.1 Wall Mounting The VMC03-000 can be installed on a telecom $\frac{3}{4}$ " plywood backboard in different orientations, such as front horizontal or front vertical. The VMC03-000 supplied #6 x $\frac{3}{4}$ " mounting screws are angled for ease of installation. Refer to Figure 2 for reference.

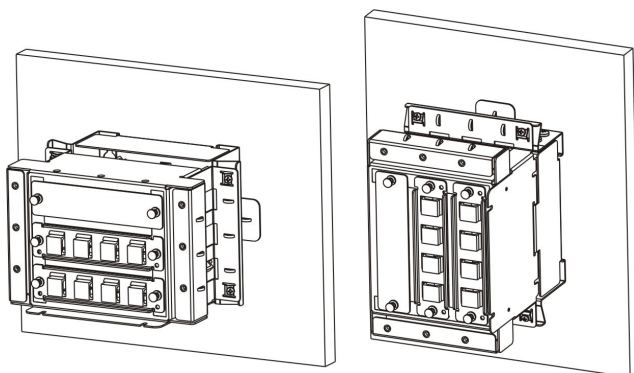


Figure 2. Installation Options

4.2 Cable Management (internal) The VMC03-000 has two sections that can separate to allow excess cable to be spooled. The back section is mounted to the wall and the internal compartment has an area for spooling excess cable. Either cable clips for fiber or cable ties for heavier cables can be used in this compartment. Refer to Figure 3 for reference.

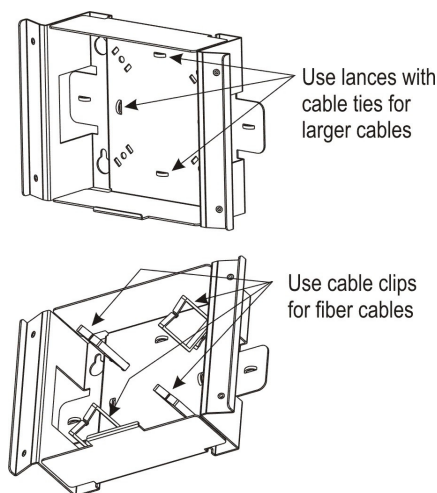


Figure 3. Cable Spooling Options

When mounting horizontal, the front section can be hang from the back section while running cables. Refer to Figure 4 for reference.

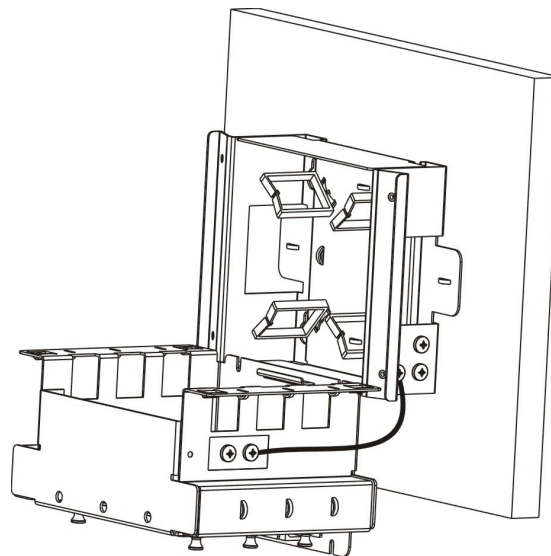


Figure 4. Installation Options

4.3 Cable Management (external) The VMC03-000 side plates have lances to support cable ties for grooming cables along the side.

4.4 Grounding

The VMC03-000 has two (2) ground screws spaced $\frac{5}{8}$ " for a standard ground wire or lug. A ground wire is supplied for proper grounding between the front and back sections of the VMC03-000. All grounding should follow Service Providers practices and local codes. Connect the appropriate size ground wire to the unit using the supplied ground screws on the right side of housing. Refer to Figure 5.

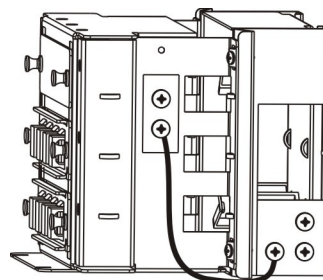


Figure 5. Ground Screws

5. CUSTOMER SERVICE

If technical or customer assistance is required, please contact NAC at the following address or phone number:

N A Communications, LLC
3820 Ohio Ave. Suite 12
St. Charles, Illinois 60174
Toll Free: 1-888-402-4622
Voice: (630) 513-1299
www.gotonac.com

6. WARRANTY & REPAIRS

6.1 Warranty

NAC warrants this product for the period specified by the terms governing the sale of the product. Any attempt to repair or modify the equipment by anyone other than an authorized NAC representative will void the warranty.

This limited warranty does not cover any losses or damages resulting from shipment to or from the customer, or from improper installation, abuse, modifications, or unauthorized repair by other than NAC personnel.

7. SPECIFICATIONS

7.1 General

Color: Black
Material: Steel
Environment CPE/OSP

7.2 Physical Specifications

Feature	U.S.	Metric
Height	5.00 inches	12.70 cm
Width	7.61 inches	19.33 cm
Depth	6.00 inches	15.24 cm
Weight (approx.)	2.5 pounds	1130 g

7.3 Environmental Specifications

Feature	U.S.	Metric
Operating Temperature	-40° to 185°F	-40° to 85°C
Humidity	0 to 95% (non-condensing)	

8. ORDERING

Product Description	Order Number
Vertical Wall Mounting with Cable-Hub 3-Slot with 2 VLX-100 Keystone panels and 1 VLX-106 blank panel	VMC03-000