Charles an **Amphenol** company

Amphenol **BEAD BABAA** COMPLIANT

Optical Hub Cabinets (OHC) provide fiber distribution to subscribers from a compact, environmentally protected outdoor terminal. OHC have been designed with flexibility in mind and supports pre-terminated and field-terminated feed and drop fibers. These PON terminals have space for multiple splitters for incremental growth. They may be pad mounted and are well suited for delivering broadband services to both Multi-Dwelling Units (MDU) and Single-Family Units (SFU).

The OHC 288 houses 48 feed/pass-thru adapters and 288 distribution adapters for fiber distribution to high density buildings with many potential subscribers.

OHC are constructed from powder-coated aluminum that is both durable and lightweight. The unit can be quickly installed by a single technician. Front and rear dual access doors are secured with low-profile, 216-tool quarter turn locks and padlock hasps for additional access control. A grounding bus bar with multiple grounding studs is provided.

OHC3-288 Enclosure
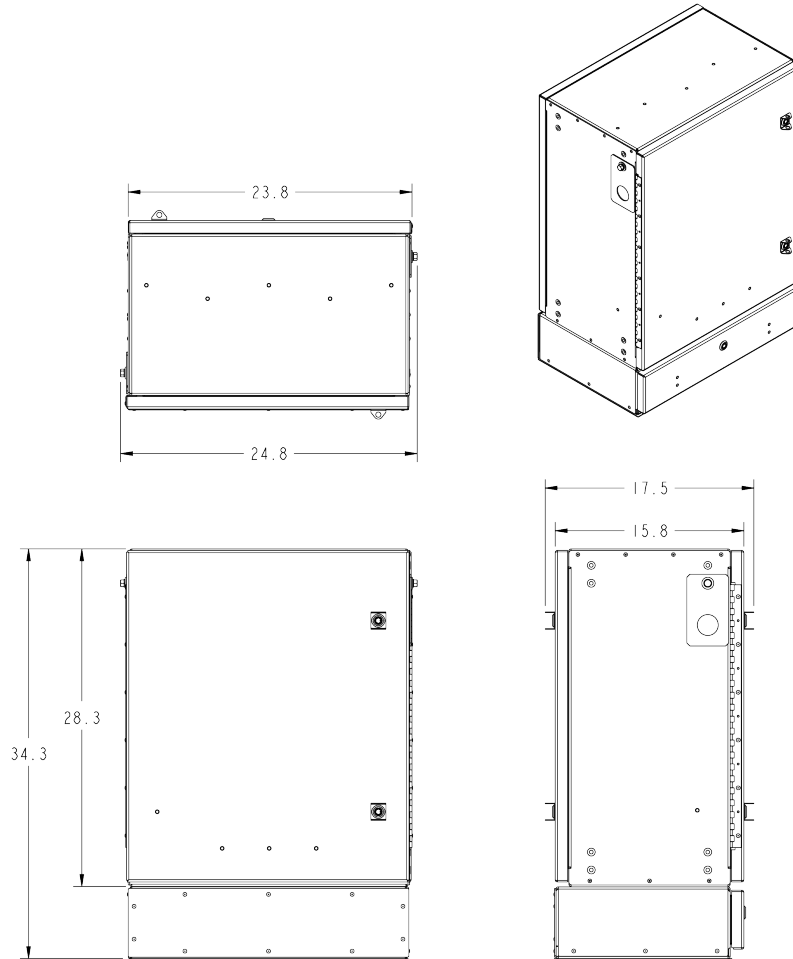(shown with optional 6" plinth)

FEATURES

- BEAD/BABAA compliant product
- Supports pre-terminated and field terminated feed and drop fibers
- Front and rear access doors are secured with low-profile, 216-tool quarter turn locks and padlock hasps for additional access control
- Durable and lightweight pad mount enclosure can be quickly installed
- Multiple cable entry locations are positioned at the bottom of the enclosure, allowing flexible placement of feed and distribution cables
- Fiber bend radius controls and routing guides ensure cable management and proper slack storage
- Charles Fiber Splitter Modules (CFSM) are available with optimized pigtail lengths
- Constructed from powder-coated aluminum
- Well suited for centralized split in a Passive Optical Network (PON)

MARKETS SERVED:

- ☑ Telecom / FTTX
- ☑ Utility
- ☐ Wireless
- ☑ Broadband Cable

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OHC3-288 Optical Hub Cabinet

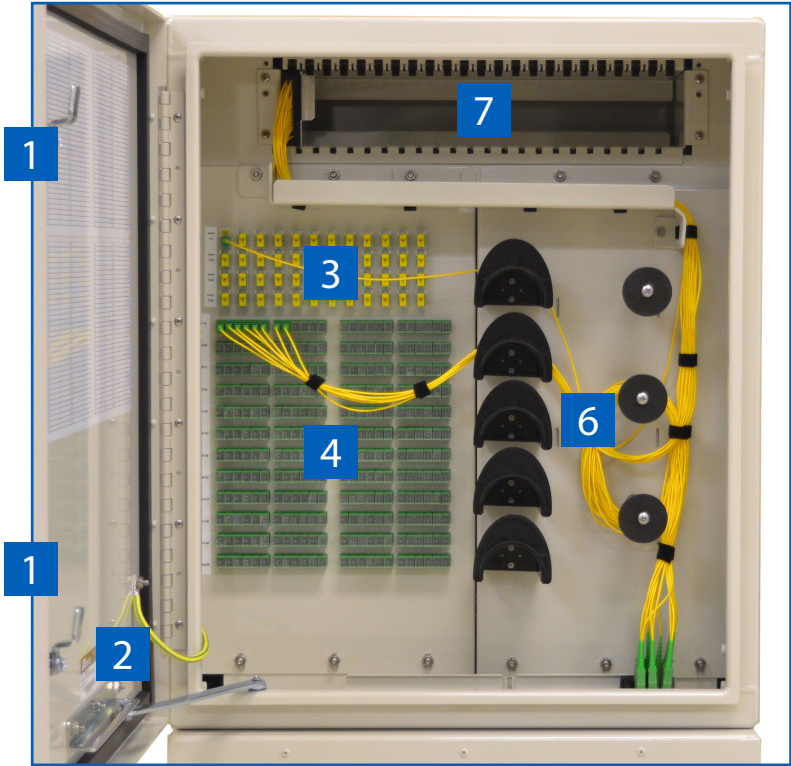## DIMENSIONAL VIEWS

Overall Dimensions: 28.3"H x 23.8"W x 15.8"D (without plinth)
                    34.3"H x 23.8"W x 15.8"D (with 6" plinth)

Weight (empty):   64 lbs.(without plinth)
                    76 lbs. (with 6" plinth)

Splitter Capacity: 22

Scalable Bulkhead: 48 Feed / 288 Distribution Maximum

Adapter Type: SC/APC

Finish: Off-White Powder Coated
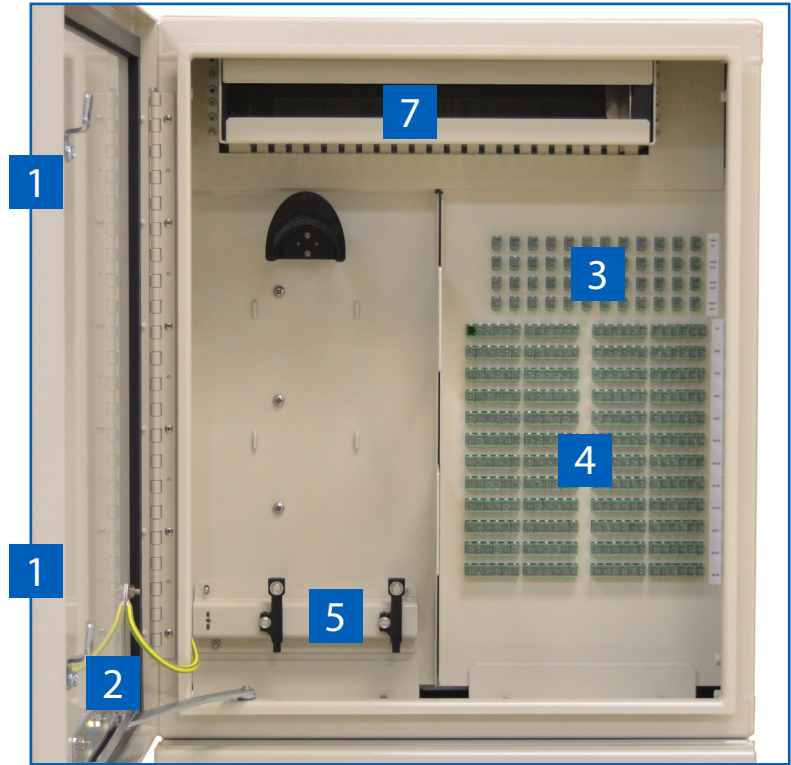
OHC3-288 Optical Hub Cabinet

OHC3-288 SPLITTER COMPARTMENT

OHC3-288 CABLE COMPARTMENT

COMPARTMENT FEATURES

1 216-Tool Hex-Head Quarter Turn Lock with 3-Point Latch

2 Door Wind Latch

3 48 Feed / Pass-Thru Adapters

4 288 Subscriber Distribution Adapters

5 Cable Attachments

6 Fiber Management Spools

7 22 Splitter Module Holders

OHC3-288 Optical Hub Cabinet

PART NUMBER CONFIGURATION

OHC3-288 [A] [B] [C] [D] [E] [F]

A. Quantity of Feed Adapters
A = 12
B = 24
D = 48

B. Quantity of Distribution Adapters
A = 144
B = 288
C = 96

C. Mounting Options
A = 6" High Plinth
B = Pole Mount Bracket

D. Intentionally Left Blank
X = (Fill Space with "X")

E. Connector to Stub Cable Type*
A = OSP Dielectric LT, Feed and Distribution**
B = OSP Armored LT, Feed and Distribution**
C = OSP Dielectric Ribbon, Feed and Distribution**
D = OSP Armored Ribbon, Feed and Distribution**

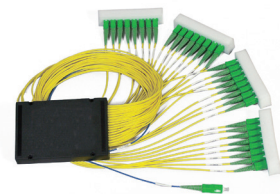### F. Connector to Stub Cable Length
C = 100'

* All Stub options will be shipped with connector side installed into bulkhead
** For a 288 cabinet configuration with loose tube cable, two 144 cables will be used on the distribution side.
 All other configurations will use a single cable.

ACCESSORIES

Ordering Number	Description
CFSM-FM1132AA-H	Charles Fiber Splitter Module, 1x32, Pre-Connectorized SC/APC 2mm Yellow Jacketed Output Pigtails, 2mm Blue Jacketed Input Pigtail
97-OHCPMKIT	Pole mount brackets
C304836HEETHXFO	30"x48"x36" True Pad Tier 15 with 30"x24" split covers for Charles OHC-288/432/576 w/ 4 rack rails
97-TOGBOLT5-A	Mounting Hardware for above product
CPAD-BL3048CI43	53"x53"x36" Composite Combo Pad with 30"x24" split covers for Charles OHC-288/432/576 w/ 4 rack rails. CPAD is tier 8 & TPAD is tier 15.
TPAD-BL3048CI43	
97-PAD-288432	Poured Pad Template Kit for OHC288/432/576

***Note**: See our CFSM datasheet for more splitter options.*

Charles 1x32 Passive Splitter Module
· High quality, low insertion loss
· Bend insensitive jacketed fiber
· Right-sized drop length for better
 management

OHC3-288 Optical Hub Cabinet - BEAD/BABAA Part Numbers

Ordering Number	Description
OHCU3-288AAAXAC	OHC288 12F/144D PAD LT DE 100'
OHCU3-288BBAXAC	OHC288 24F/288D PAD LT DE 100'
OHCU3-288AAAXBC	OHC288 12F/144D PAD LT ARM 100'
OHCU3-288BBAXBC	OHC288 24F/288D PAD LT ARM 100'

Note: Contact Charles for alternative configurations.

Looking for other BABA compliant products for BEAD funded projects?
Please inquire with us for more information.

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