

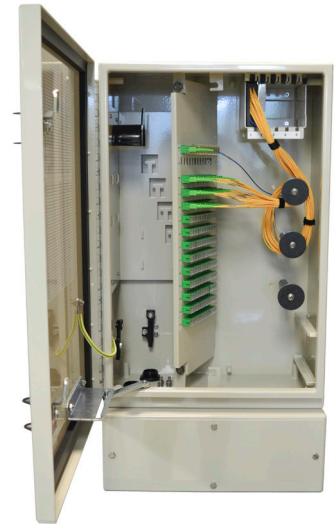
High-Capacity Fiber Distribution Hub for Passive Optical Networks

Amphenol Charles Industries' CFITH-144 provides fiber distribution to subscribers from a compact, environmentally protected wall, pole or pad mount outdoor terminal. The CFITH-144 has been designed with flexibility in mind. These PON terminals feature a pivoting bulkhead with 144 SC/APC connectors and have space for up to five splitters for incremental growth. Stub cables are preconnectorized and 100% factory tested to create a turnkey fiber distribution solution ideal for apartments, strip malls, business parks and other multi-user locations.

The CFITH-144 is constructed from powder-coated aluminum that is both durable and lightweight. The unit can be quickly installed by a single technician. The front access door is secured with low-profile, 216-tool quarter turn locks and padlock hasps for additional access control. An optional 6" plinth is available for pad mount deployments.

MARKETS SERVED:

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



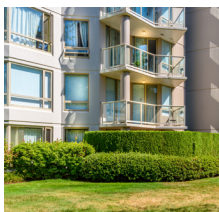
CFITH-144
(pad mount, shown with optional 6" plinth)

FEATURES

- 144 SC/APC connectors and have space for up to five splitters for incremental growth
- Door is secured with low-profile, 216-tool quarter turn locks and padlock hasps for additional access control
- Durable and lightweight pad, wall or pole mount enclosure that can be quickly installed
- Constructed from powder-coated aluminum

APPLICATIONS

The CFITH-144 provides scalable PON fiber distribution for subscribers in highly populated multi-dwelling units (MDU) or subdivisions with single family units.



Garden Apartments



Low-Rise MDU



Mid-Rise MDU

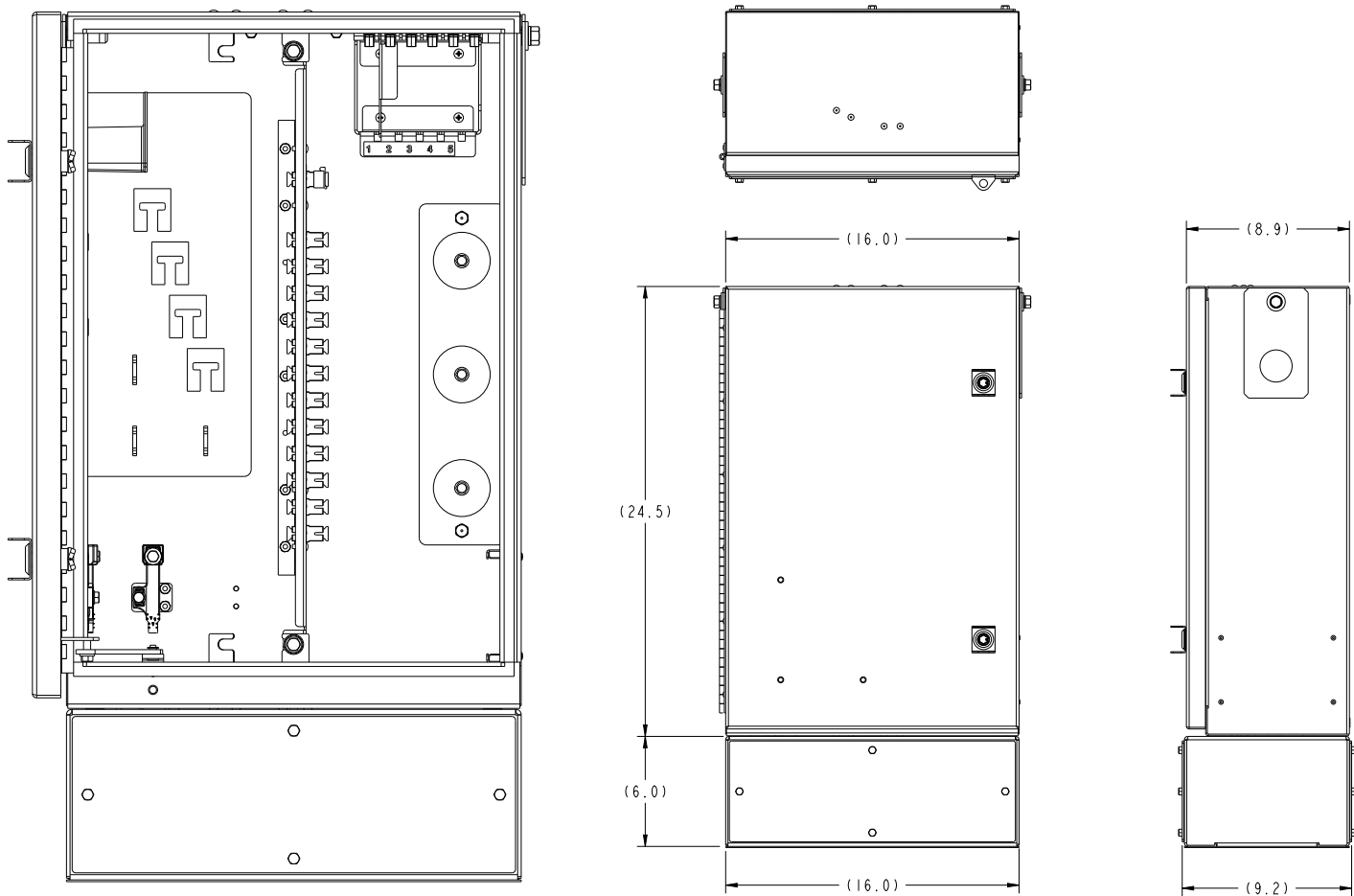


High-Rise MDU

CFITH-144 Compact Fiber Hub

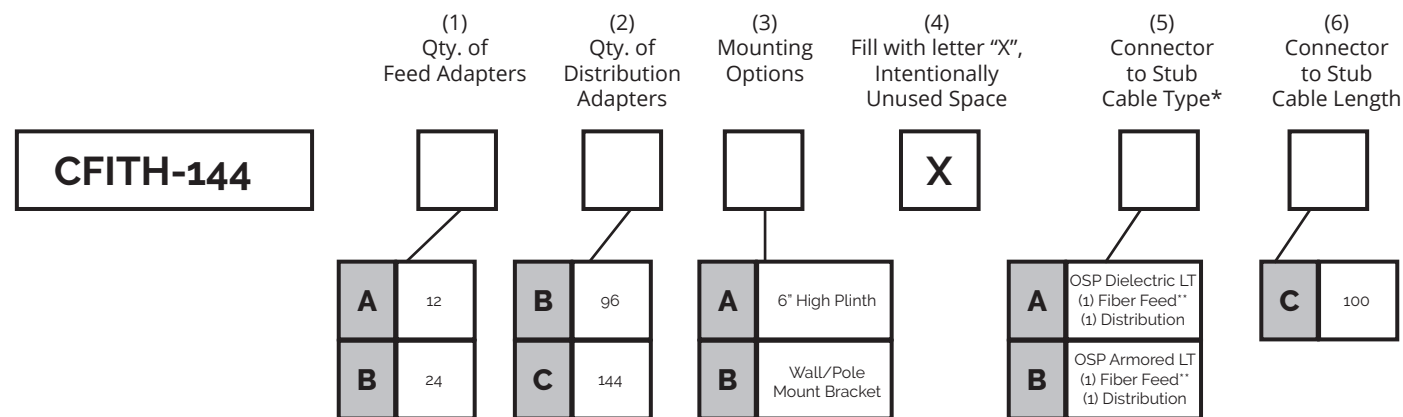
DIMENSIONAL VIEWS

All dimensions given in inches



Overall Dimensions:	24.5"H x 16"W x 9"D (without plinth) 30.5"H x 16"W x 9"D (with plinth)
Weight (empty):	75 lbs. (without plinth) 80 lbs. (with plinth)
Cable Entrances:	1 Feed / 2 Distribution
Cable Attachments:	2
Splitter Capacity:	5 Splitter Slots
Cable Management:	5 Bend Radius Controls, Splitter Tail Storage
Scalable Bulkhead:	12/24 Feed / 144 Distribution Maximum
Adapter Type:	SC/APC
Construction:	.090 Aluminum
Finish:	Off-White Powder Coated

CFITH-144 Compact Fiber Hub



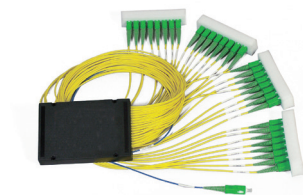
Notes: *All stub options will be shipped with connector side installed into bulkhead.
 **Feed and distribution cable counts will match the number of adapters selected.

ACCESSORIES

Ordering Number	Description
P243624YBGTHXXX	24"x36"x24" HDPE vault with split cover and opening for mounting CFITH-144, black base, dark green cover
97-TOGBOLT5-A	Hardware (bolts and toggles) for mounting cabinet to vault
CFSM-FM1132AA	Charles Fiber Splitter Module, 1x32, Pre-Connectorized SC/APC 2mm Yellow Jacketed Output Pigtails, 2mm Blue Jacketed Input Pigtail





Note: Splitters ending with "-H" are also compatible with this product.



Charles 1x32 Passive Splitter Module

- High quality, low insertion loss
- Bend insensitive jacketed fiber
- Right-sized drop length for better management

Charles Industries, LLC
An Amphenol Company
1450 American Lane, 20th Floor, Schaumburg, IL 60173

 mktserv@charlesindustries.com
 (847) 806-6300

