

High-Capacity Fiber Distribution Hub for Passive Optical Networks (GPON/EPON)

Amphenol's 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.



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



CFITH-144 (wall/pole mount)

Applications:



Garden Apartments



Low-Rise MDU



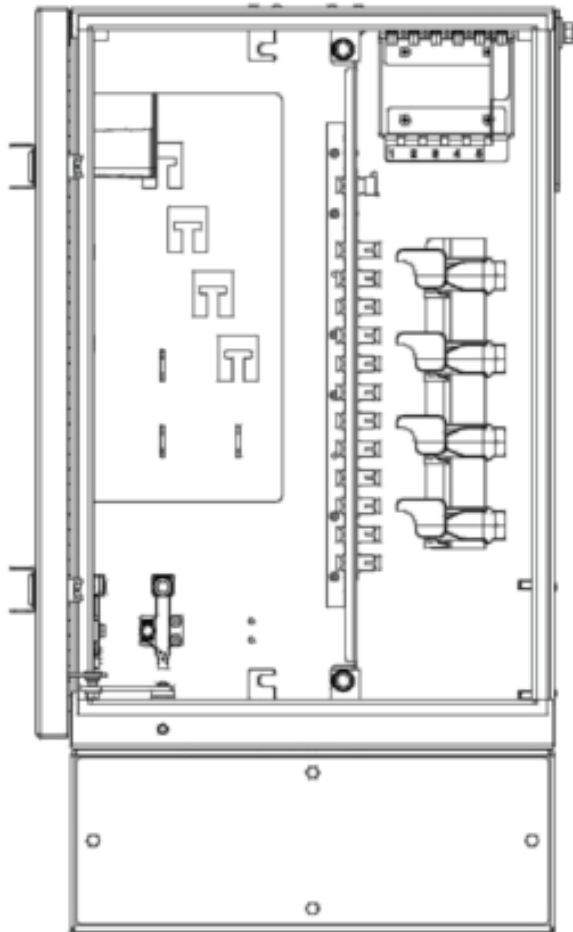
Mid-Rise MDU



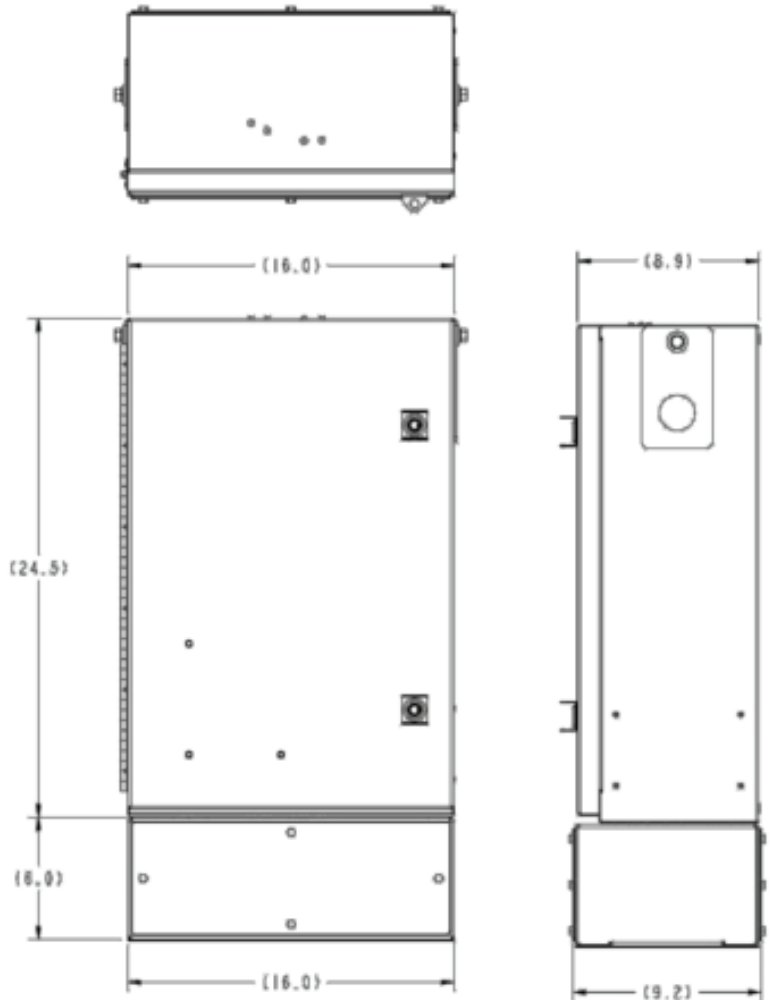
High-Rise MDU

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

Interior View



Dimensional Views



Specifications

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
Stub Length / Type:	100' Pre-Connectorized
Construction:	.090 Aluminum
Finish:	Off-White Powder Coated

Ordering Information:

CFIT - 144	(1) Qty. of Feed Adapters	(2) Qty. of Distribution Adapters	(3) Mounting Options	(4) <i>Fill with letter "X", Intentionally Unused Space</i>	(5) Connector to Stub Cable Type*	(6) Connector to Stub Cable Length
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="X"/>	<input type="text"/>	<input type="text"/>

A	12	A	96	A	6" High Plinth	A	OSP Dielectric LT (1) Fiber Feed** (1) Distribution	C	100'
B	24	C	144	B	Wall/Pole Mount Bracket	B	OSP Armored LT (1) Fiber Feed** (1) Distribution		

*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:

Part Number	Description
CFSM-FM1132AA	Fiber Splitter Module, 1x32, Pre-Connectorized SC/APC 2mm Yellow Jacketed Output Pigtailed, 2mm Blue Jacketed Input Pigtail



Amphenol 1x32 Passive Splitter Module

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