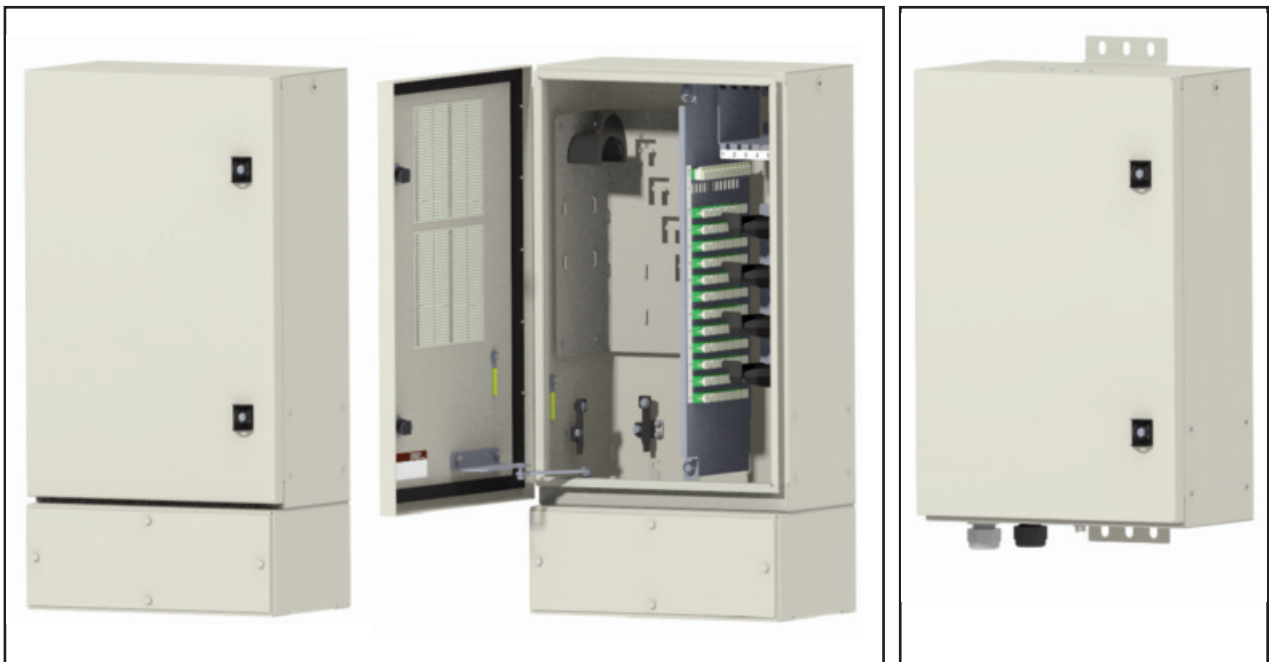# CFITH-144 Compact Fiber Hub

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

Charles' 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)*

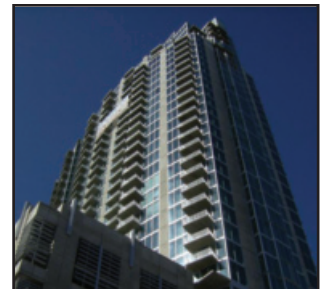
CFITH-144 *(wall/pole mount)*

Applications

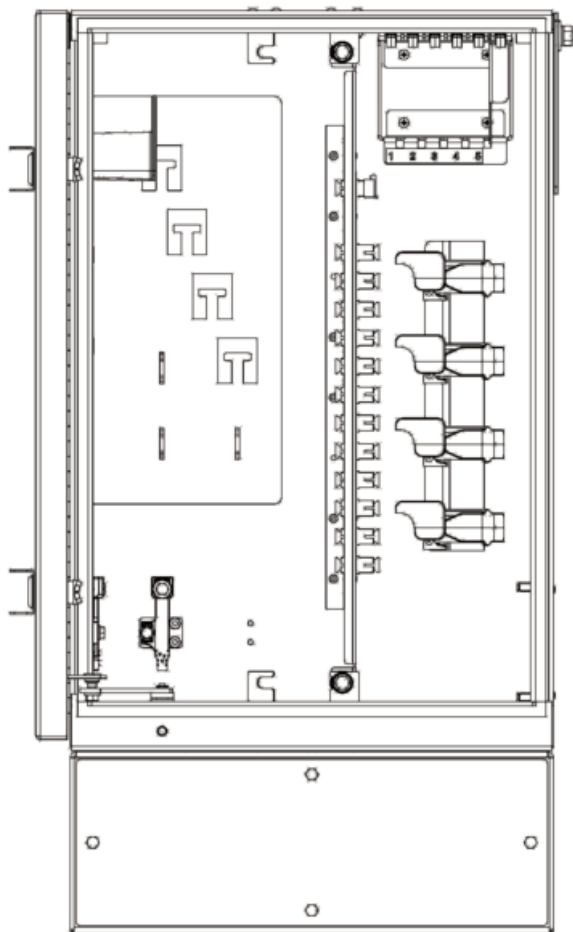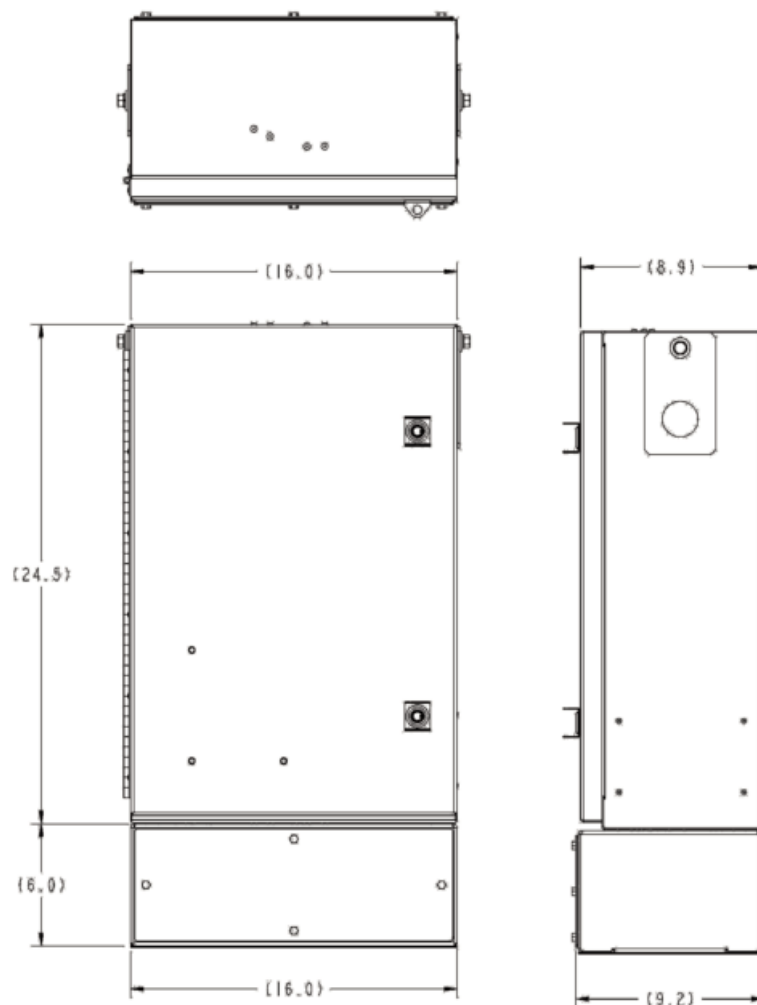**Garden Apartments**   **Low-Rise MDU**   **Mid-Rise MDU**   **High-Rise MDU**

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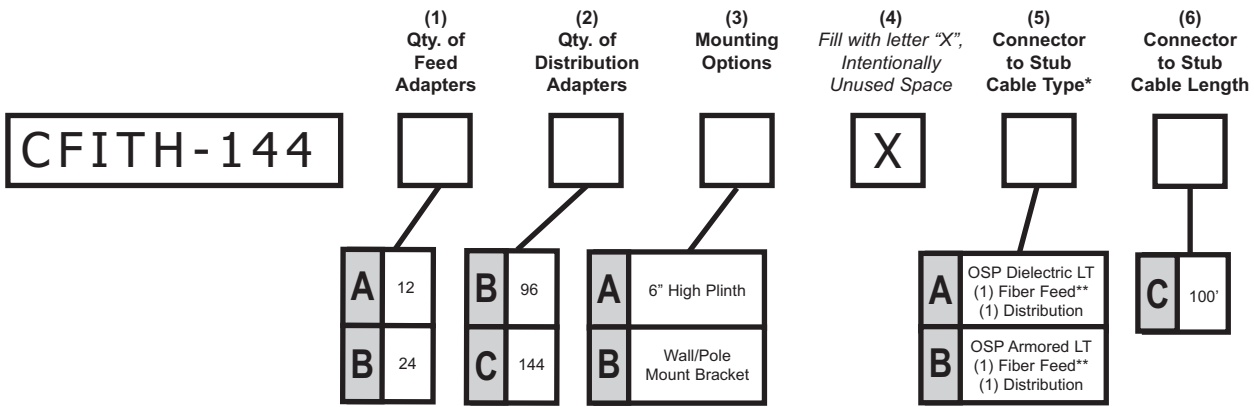
CFITH-144 Views

Interior View

Dimensional Views

(16.0)

(24.5)

(6.0)

(16.0)

(8.9)

(9.2)

CFITH-144 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

CFITH-144 Ordering Information

	(1) Qty. of Feed Adapters	(2) Qty. of Distribution Adapters	(3) Mounting Options	(4) *Fill with letter "X", Intentionally Unused Space*	(5) Connector to Stub Cable Type*	(6) Connector to Stub Cable Length
CFITH-144	☐	☐	☐	X	☐	☐

A 12	**B** 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

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

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

Dependable Solutions, Superior Support

• Field-proven and unequaled 24-hour technical support
• Individualized application consultation
• Superior quality (ISO 9001/TL 9000 registered)

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