Backhaul Enclosure
Installation Instructions

PPC® A **BELDEN** BRAND

Overview

PPC's Backhaul Enclosure is a small multifunction enclosure designed specifically for operators who provide fiber isolated backhaul to isolate and protect the router on site. The backhaul enclosure is compact for minimal space utilization; is wall, pole or H-frame mountable; includes a splice and patch unit or a 12F patch panel; and has a fan for ventilation.
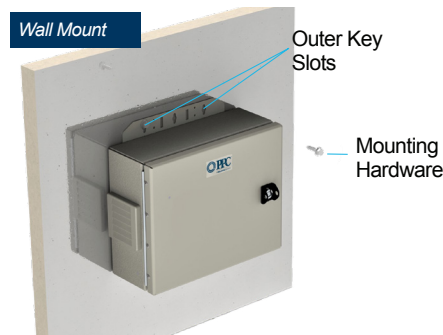
The enclosure is typically deployed by regional carriers who provide backhaul for mobile network operators (provide DC power at macro sites). Other applications may also apply. The enclosure can accept a range of hardened router sizes, which allows the backhaul provider to easily update the switch technology as optics and backhaul bandwidth needs increase.

If AC power is required, please contact your PPC representative for more options.

PPC Part #	Description
BETP1-L0C0M1W1-17	ENCLOSURE, BH, EMPTY, BE1, CREAM
BBFP2-L2C0M1W1-17	ENCLOSURE, BH, FAN, LGX, L2, C0, M1, BE1, CREAM
BBFP3-L2C0M1W1-17	ENCLOSURE, BH, FAN, SPLICE, L2, C0, M1, BE1, CREAM

Enclosure Mounting

Wall Mount

Outer Key Slots

Mounting Hardware

1. Measure distance of enclosure's four corner key slots
2. Drill pilot holes
3. Loosely install top screw at outer key slots
4. Level enclosure horizontally and vertically
5. Tighten top screws securely
6. Install bottom screws at outer key slots

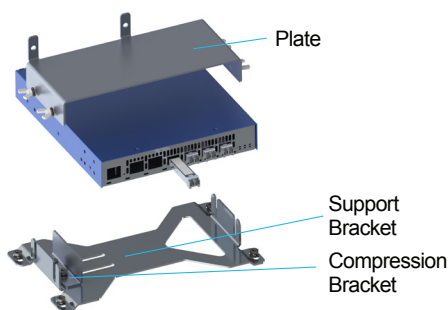*Pole Mount with Banding*

Mounting Band

1. Loosely install top and bottom stainless-steel bands through enclosure slots
2. Tighten top band securely
3. Level enclosure horizontally and vertically
4. Tighten bottom band securely

Pole Mount with Lag Screw

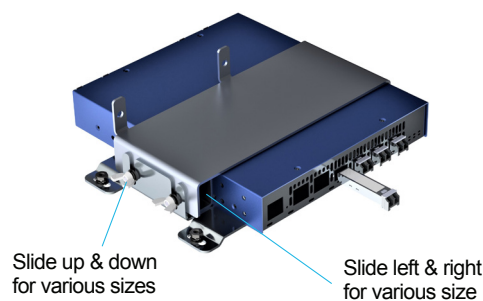Center Mounting Key Slot

Mounting Hardware

1. Measure distance of enclosure's center mounting key slots
2. Drill pilot holes
3. Install top lag screw at top center key slot
4. Level enclosure horizontally and vertically
5. Install bottom lag screw at bottom center key slot

Router Installation

Plate

Support Bracket

Compression Bracket

Slide up & down for various sizes

Slide left & right for various size

1. Place router over support bracket
2. Slide compression bracket, tighten hardware to secure router
3. Slide plate over router and install hardware loosely for adjustment
4. Tighten hardware (4x) to secure router

These products may be protected by one or more patents • For further information, please visit: www.ppc-online.com/patents
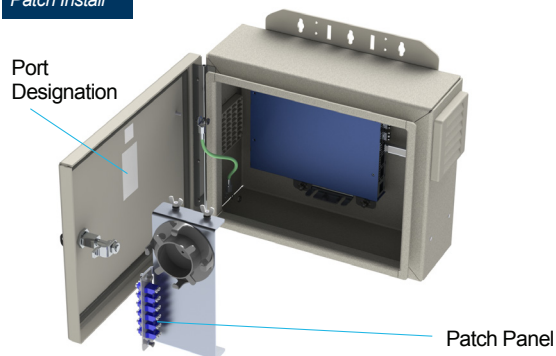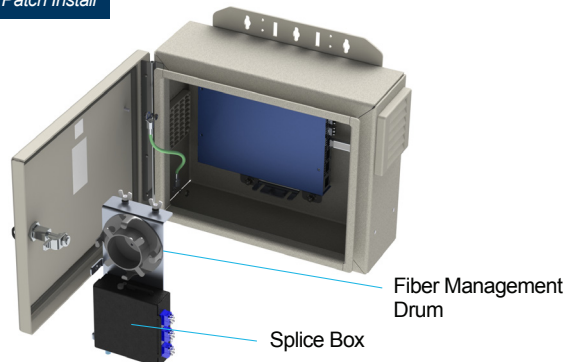
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Component Installation

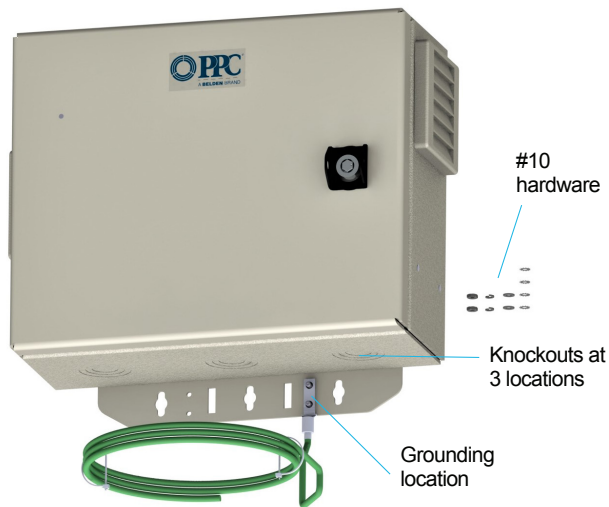**Patch Install**

Port Designation

Patch Panel

1. Mount fiber management drum over slide plate
2. Mount patch panel to slide plate
3. Mount subassembly to enclosure, secure with hardware (4x)

Splice & Patch Install

Fiber Management Drum

Splice Box

1. Mount fiber management drum over slide plate
2. Mount splice box over slide plate
3. Mount subassembly to enclosure, secure with hardware (4x)

Ground Cable Installation

#10 hardware

Knockouts at 3 locations

Grounding location

Terminal Block

1. Install ground cable to lower mounting bracket studs
2. Secure with provided hardware
3. Cable entry/exit locations: three locations on bottom panel
4. Remove desired knockout and install cable entry accessories
5. Connect wiring to terminal blocks