

Charles Universal Broadband Enclosures (CUBE) AT&T CN5150 CPE IWM Cabinet

The AT&T CN5150 CPE IWM cabinet contains a Charles CUBE-ID11411NN1 cabinet with preinstalled Ciena 5150 Service Aggregation Switch, Eltek AC/DC Power Supply, and fiber management spools. The cabinet provides an additional layer of protection and security against unauthorized use or damage of equipment at metro Ethernet delivery sites. This compact cabinet is preassembled with mux, rectifier shelf, fiber management spools, power cord and ground cabling; and may be ordered with specific options for rectifier, fiber jumpers and batteries.



Overall Dimensions 28”H x 23”W x 20”D
 Rackspace 7RU / 19” EIA
 Bonding & Grounding 8 Position, 2-Hole Ground Bar
 Cable Entrance (1) 3” Hole with Plug on Left-Hand Side,
 (1) 3” Hole with Plug on Right-Hand Side,
 (1) 1.75” Power Cord Hole with Grommet on Top
 Thermal Management Vented, (2) -48VDC Fans, Manually Settable
 Thermostats
 Security 216-Tool Hex Bolt, 3 Point Latch, Door Alarm
 Construction 1/8” Welded Aluminum, Off-White Finish
 Weight (Loaded). 279 lbs. with Batteries
 Mounting Wall Mount
 Floor Mount (requires Floor Extension Plinth Kit)
 Power Spec Requires (1) L5-15R 120VAC, Twist-Lock
 Electrical Outlet w/15 Amp Breaker

Reference AT&T issued “CIENA CN5150 EMUX/EMT – Quick Reference” (pages 8&9) for more information on this integrated IWM cabinet solution.

For additional product information,
 please visit
www.charlesindustries.com



PREASSEMBLED CABINET DESCRIPTION:

CN5150 IWM Cabinet, 120VAC (preassembled with 5150 Shelf & Power Modules, Eltek Rectifier Shelf, Westell Fiber Management Spools, L5-15P, Twist-Lock 10’ Molex AC Power Cord, #6 AWG Ground Cabling)

Rectifier Options:

10 Amp Rectifier Module, -48VDC
 Rectifier Filler/Blank

Fiber Jumper Options: (Qty 2 duplex jumpers required per IWM cabinet placed)

Jumper DUPLEX Single Mode SC/LC 10 Ft
 Jumper DUPLEX Single Mode SC/LC 15 Ft

Battery Options: (Select one per IWM cabinet placed)

Battery String, SBSB14F-48VDC 62Ah front term
 Battery String, 48VDC 60AH includes hardware

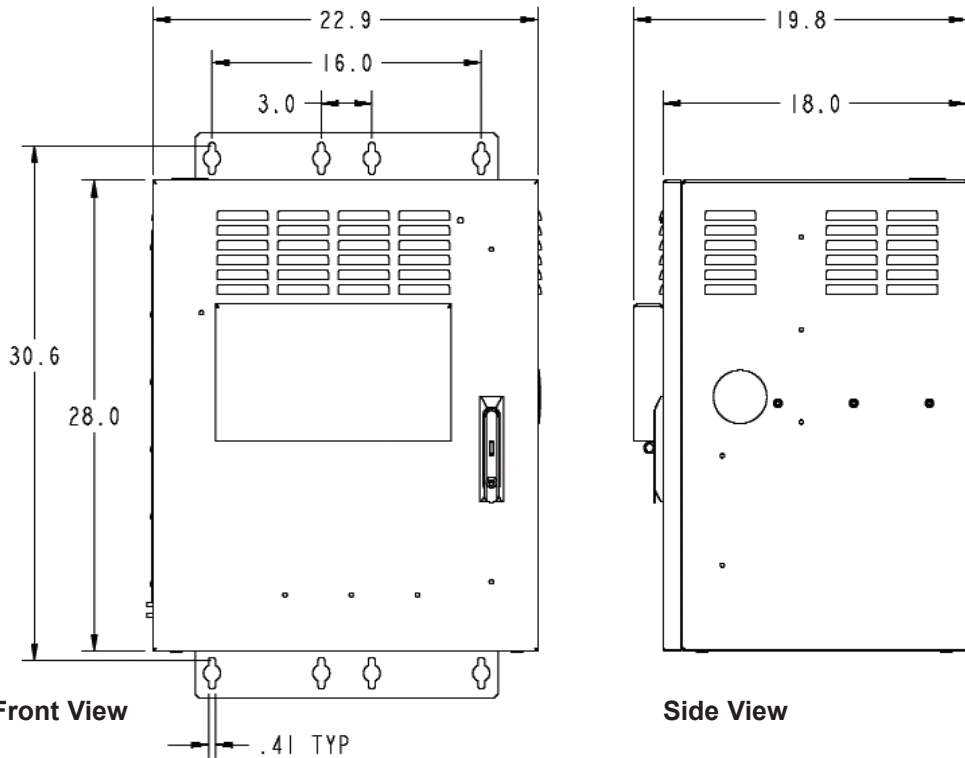
Optional Mounting Support: (To be utilized if there is a concern about weight of IWM cabinet)

Floor Extension Plinth Kit

| <u>OIN</u> | <u>RDSC (SE Only)</u> | <u>QTY.</u> |
|---------------|-----------------------|-------------|
| ATT.100086797 | XCN5150IWM CAB | 1 |
| ATT.PBP2GRS | V0500A (EFACTS) | 2 |
| ATT.PWUQAEG | VBLANK (EFACTS) | 1 |
| ATT.100029335 | CS005018-0010FT | 2 |
| ATT.100029341 | CS005018-0015FT | 2 |
| ATT.100021604 | ENERS48VSBBSB14F | 1 |
| ATT.100010786 | FIAM12FAT60 | 1 |
| ATT.100087396 | IWM CAB FLR KIT | 1 |

OG-OSP030-D14

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All units in inches

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PREASSEMBLED CABINET CONTENTS

2RU ELTEK CI58D
Compact Series
Power Shelf

2RU CIENA 5150
Service Aggregation
Switch

2RU Fiber
Management Panel

(1) String of
(4) FIAMM 60AH
or (4) SBS B14F
Batteries



FLOOR EXTENSION PLINTH KIT



- Lockable Front Access Panel
- Adds 10"-12" Height to Cabinet
- Levelable Feet

OG-OSP030-D14