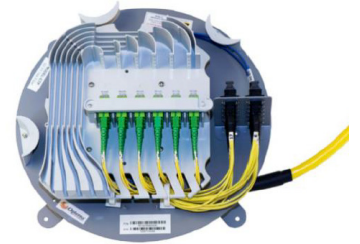


BuildOpt™ Collector Terminal Plate



Features & Benefits

- Designed for Commercial and Residential MDU/MTU applications
- 72 fiber collector: 12 port terminal with 5 MPO ports
- 144 fiber collector: 24 port terminal with 10 MPO ports
- Five or ten 12-fiber MPO ports for additional terminals
- Riser and indoor/outdoor ribbon cable stub options with standard lengths up to 500 ft
- Cable management for proper retention and placement of fiber drop cables up to 4.8 mm diameter
- Low connector insertion loss and return loss
- Compliant with GR-3123-CORE and GR-326-CORE
- UL and cUL listed
- Part of the Opterna splice-free plug-and-play PON solution



Overview

The BuildOpt™ Collector Terminal Plate (CTP) combines the functionality of a Fiber Collector and the convenience of a Fiber Terminal into one assembly. It serves as a collection point for plug-and-play fiber distribution terminals (commonly located in the middle of a building), and it's a terminal for MDU or MTU drops where it is located.

The Collector Terminal Plate can be mounted onto any flat surface for enclosure-less or 3rd-party enclosure applications. The metal mounting plate includes a ground connection and four mounting holes.

- The 72 fiber assembly has 12 SC-APC ports and five MPO port for connecting other BuildOpt Terminals.
- The 144 fiber assembly has 24 SC-APC ports and ten MPO ports for connecting other BuildOpt Terminals.

The cable stubs are bend-insensitive single mode ribbon fiber with riser or indoor/outdoor jackets. The cable management features of the Terminal section accommodate up to 4.8 mm diameter drop cables.

Technical Data

Mechanical Specifications

Specification	Value
Dimensions (W x H x D)	13.0 in x 13.0 in x 5.0 in (330 mm x 330 mm x 130 mm)
Material (steel)	Powder coated steel
Material (plastic)	94V-0 Valox Light Gray (RAL 7035)
Cable type	12 fiber ribbon, riser or indoor/outdoor
Cable diameter	0.50 in (12.7 mm) to 0.60 in (15.2 mm)
SC terminal ports	12 (72 fiber model) and 24 (144 fiber model)
MPO ports	5 (72 fiber model) and 10 (144 fiber model)

BuildOpt™ Collector Terminal Plate



Technical Data

Optical Specifications

Specification	Value
Fiber count	72 or 144 fibers
Fiber type	G.657.A1 bend-insensitive single mode ribbon
Insertion Loss (maximum dB)	0.20 (SM UPC) 0.30 (SM APC) 0.30 (MPO)
Return Loss (minimum dB)	-55 (SM UPC) -65 (SM APC) -65 (MPO)

Environmental Specifications

Specification	Value
Free of halogen	Yes
2011/65/EU RoHS	Fully Compliant

Ordering Information

PPC Part Number	Description
ACTP6-1MMNC100	Collector Terminal 072F Riser 100 ft Stub
ACTP6-1MMNC250	Collector Terminal 072F Riser 250 ft Stub
ACTP6-1MMNC350	Collector Terminal 072F Riser 350 ft Stub
ACTP6-1MMNC500	Collector Terminal 072F Riser 500 ft Stub
ACTP6-2MMNC100	Collector Terminal 072F Indoor/Outdoor 100 ft Stub
ACTP6-2MMNC250	Collector Terminal 072F Indoor/Outdoor 250 ft Stub
ACTP6-2MMNC350	Collector Terminal 072F Indoor/Outdoor 350 ft Stub
ACTP6-2MMNC500	Collector Terminal 072F Indoor/Outdoor 500 ft Stub
ACTP12-1MMNC100	Collector Terminal 144F Riser 100 ft Stub
ACTP12-1MMNC250	Collector Terminal 144F Riser 250 ft Stub
ACTP12-1MMNC350	Collector Terminal 144F Riser 350 ft Stub
ACTP12-1MMNC500	Collector Terminal 144F Riser 500 ft Stub
ACTP12-2MMNC100	Collector Terminal 144F Indoor/Outdoor 100 ft Stub
ACTP12-2MMNC250	Collector Terminal 144F Indoor/Outdoor 250 ft Stub
ACTP12-2MMNC350	Collector Terminal 144F Indoor/Outdoor 350 ft Stub
ACTP12-2MMNC500	Collector Terminal 144F Indoor/Outdoor 500 ft Stub

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