

Getting Started with NextLight

Are you beginning a new development? We'll be glad to help you prepare your property for NextLight fiber-optic service. We've included a brief outline below of the steps you'll follow; note that we recommend beginning this process six months before the start of construction.

- **Review and sign our agreement:**

In order to connect your apartment or condominium building, we will ask the building owner or developer to sign an Access Agreement. We will then provide detailed developer instructions/specifications to assist you in preparing for NextLight fiber.

- **Preliminary Meeting:**

This is a chance to coordinate on building specifications, project requirements, safety and materials. We will discuss pathways and equipment specification sheets.

- **Review Telecom Design:**

At this point we will ask to review your telecommunications design plan to determine how we will pull fiber to each unit. We ask that you provide this in an electronic format.

- **Construction Scheduling:**

Please provide a timeline for your scheduled rough-ins so we may coordinate our crews for the fiber installation within each building.

- **Quality Control / Site inspection:**

This is our chance to inspect fiber before your work is complete within each building.

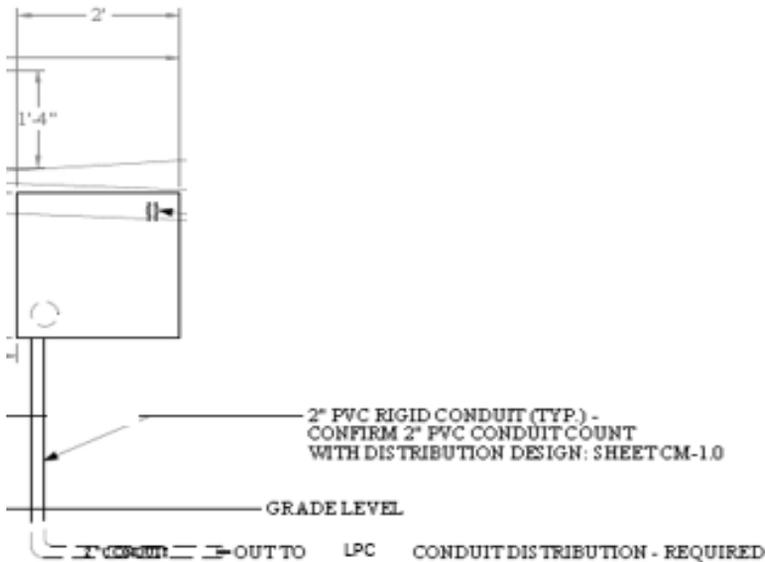


NextLight Fiber Construction / Equipment

Fiber Distribution Hub

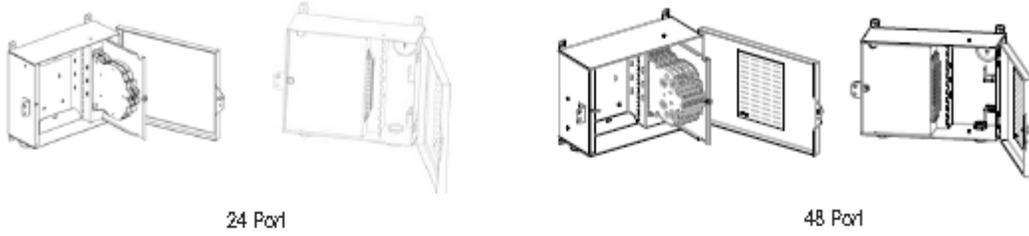
LPC will run fiber to a fiber distribution point (FDP), which serves as a centralized wiring point inside your building. Typically this will be placed in the telecom closet, with microduct/fiber extending from this point to each unit. Space requirements for equipment are 2' x 4'. See drawing below

TYPICAL BUILDING SERVICE ENTRANCE



Note: Developer/Owner is required to install a 2" conduit from the communications area to LPC's equipment.

Typical FDP boxes used-



24 Port

48 Port

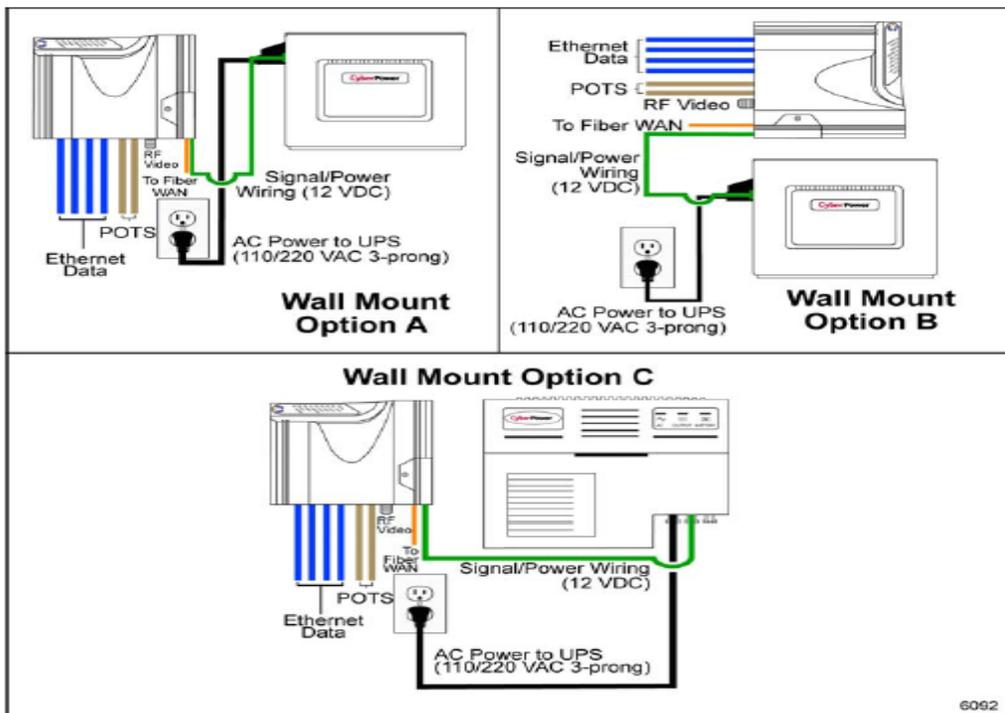
Specifications

Outdoor Wall Mount Panels		
	24 Port	48 Port
Dimensions	12.52" H x 16.22" W x 5.75" D	12.52" H x 18.92" W x 7.2" D
Port Density	Up to 24 ports	Up to 48 ports
Splice Capacity	24 splices in Clearview Cassette	48 splices in Clearview Cassette
Interface Types	ST, SC, SC APC, FC, FC APC, LC, LC APC	ST, SC, SC APC, FC, FC APC, LC, LC APC
Storage Capacity	One meter of 900um fiber, Up to 5 meters of 12-fiber IFC jacketed fiber	One meter of 900um fiber, Up to 3 meters of jacketed fiber

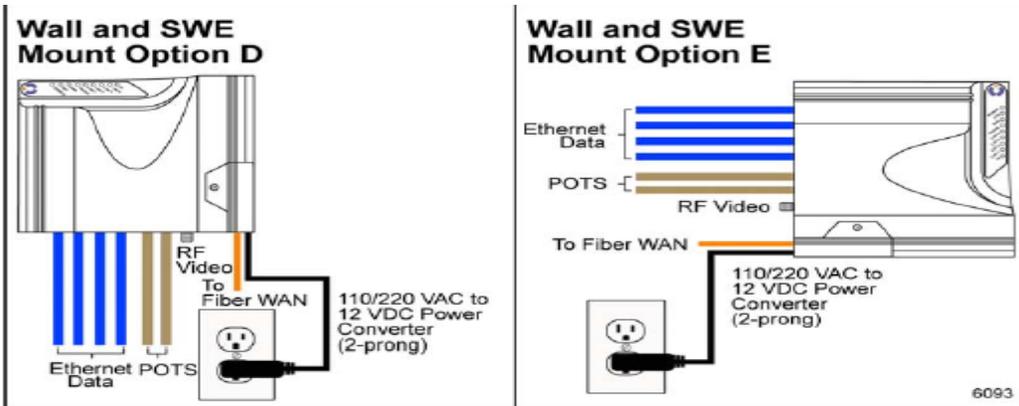
Optical Network Terminal / Battery Back Up

LPC will place an optical network terminal within each unit when service is ordered. This device takes the light signal and translates into a signal that a router and computer can use to provide internet service. If a customer opts to take phone service a 'battery backup' will also be placed within the unit. Both devices require 110V power and are typically installed at the communications aggregation point within a unit. We will discuss placement and requirements during our preliminary meetings.

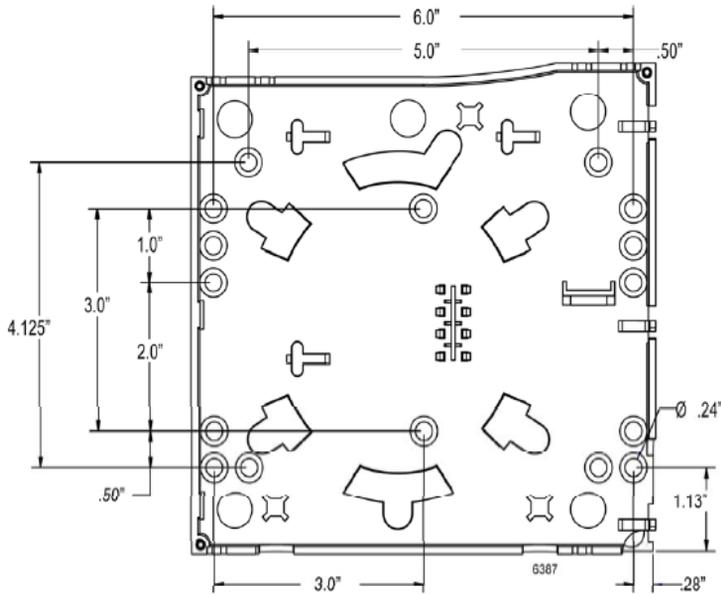
Below are walling mount options for ONT / Battery Back Up within unit –



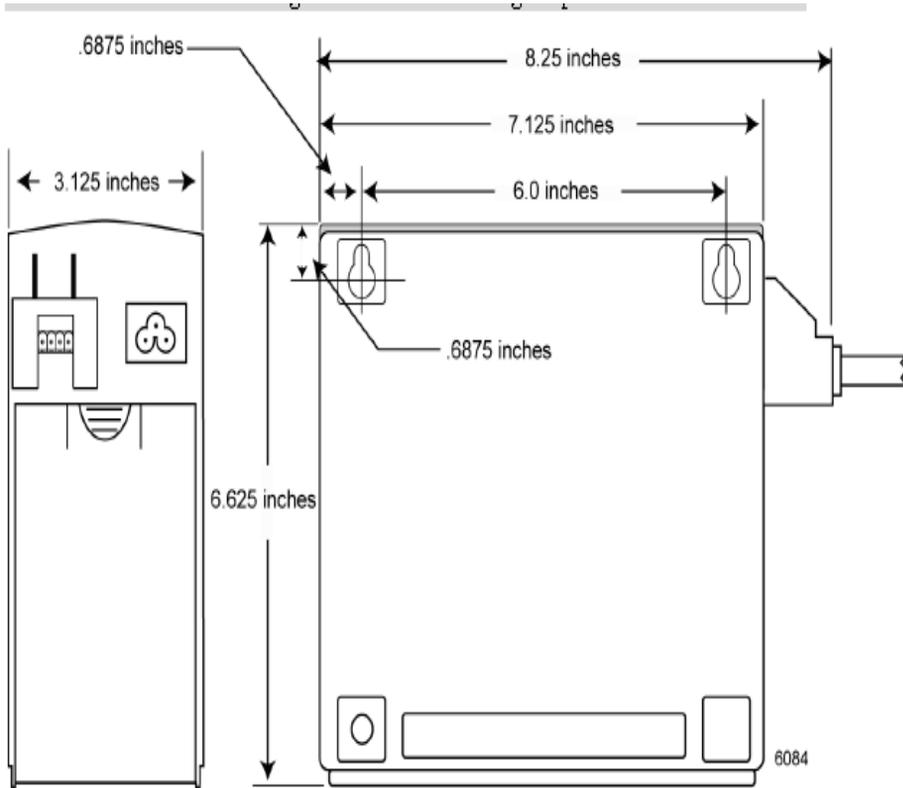
NextLight™ For New Construction



Below are dimensions of the ONT (mounting plate) –



Below are dimensions of the Battery Back Up (mounting plate) –



Following are examples of a fiber installation within unit.

Typical fiber run will be across top plate –



Entering wall cavity at tech panel location –

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In unit tech panel –



After insulation has been installed –



1 Gig Symmetrical Internet Service

All of this work upfront will ensure that your residents have access to the most advanced communications network available while also future proofing your community. Our community broadband service has been rated as one of the fastest ISPs in the Nation and all at one of lowest prices available from any provider.

For MDUs:

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For Commercial:

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