

## Wall Mounting Bracket for CCH Module

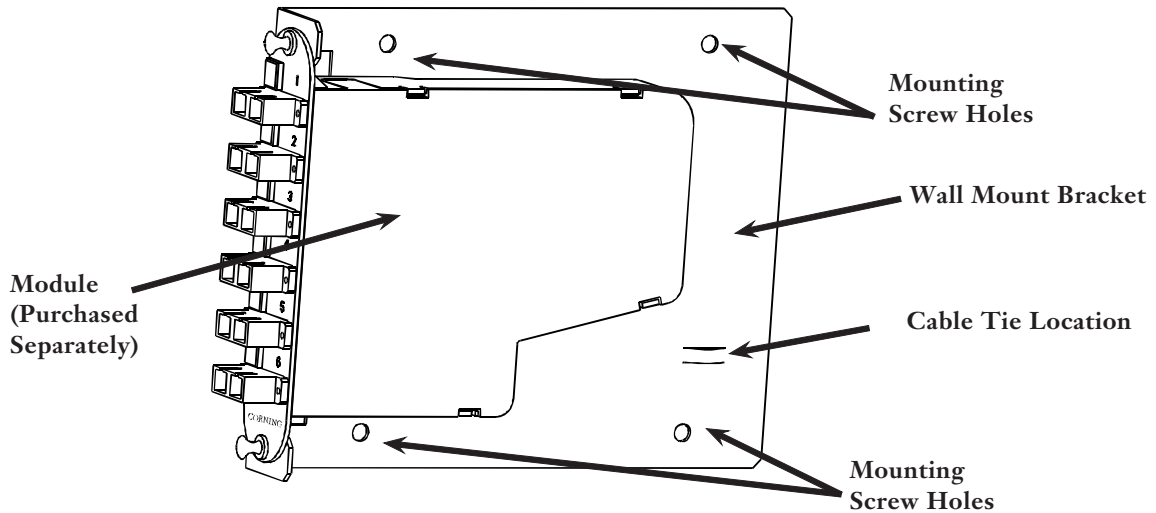


Figure 1

### 1. General

**1.1** This instruction describes the installation for the wall mounting bracket for a CCH module manufactured by Corning Cable Systems. Modules are purchased separately.

**1.2** This document is being reissued to include updated corporate information.

**NOTE:** Read and understand this procedure (as well as the instructions provided with related assemblies) before beginning an installation. Familiarize yourself to understand the unit's placement in your network. Make sure you know where the cable will enter the unit, how jumpers will be routed and other details of the installation plan.

### 2. Components

Components include the following:

- (1) Wall mounting bracket
- (2) Cable ties

### 3. Precautions

#### 3.1 Laser Handling Precautions

**⚠ WARNING:** Never look directly into the end of a fiber that may be carrying laser light. Laser light may be invisible and can damage your eyes. Viewing it directly does not cause pain. The iris of the eye will not close involuntarily as when viewing a bright light. Consequently, serious damage to the retina of the eye is possible. Should accidental eye exposure to laser light be suspected, arrange for an eye examination immediately.

**⚠ WARNING:** *DO NOT use magnifiers in the presence of laser radiation. Diffused laser light can cause eye damage if focused with optical instruments. Should accidental eye exposure be suspected, arrange for an eye exam immediately.*

### 3.2 Safety Equipment

**CAUTION:** *The wearing of safety glasses to protect the eyes from accidental injury is strongly recommended when handling chemicals and cutting fiber. Pieces of glass fiber are very sharp and can damage the cornea easily.*

**CAUTION:** *The wearing of safety gloves to protect hands from accidental injury is strongly recommended when using sharp instruments.*

### 3.3 Glass Fiber Precautions

**⚠ GLASS FIBER PRECAUTIONS**  
**WARNING:** *Cleaved glass fibers are very sharp and can pierce the skin easily. Do not let cut pieces of fiber stick to your clothing or drop in the work area where they can cause injury later. Use tweezers to pick up cut or broken pieces of the glass fibers and place them on a loop of tape kept for that purpose alone. **Good housekeeping is very important.***

### 3.4 Cable Handling Precautions

**NOTE:** *Fiber optic cable is sensitive to excessive pulling, bending and crushing forces. Consult the cable specification sheet for the cable you are installing. **Do not bend cable more sharply than the minimum recommended bend radius. Do not apply more pulling force to the than specified. Do not crush the cable or allow it to kink.** Doing so may cause damage that can alter the transmission characteristics of the cable — the cable may have to be replaced.*

## 4. Installation

**4.1** Mount the bracket to the wall using four screws (and anchors, if necessary). The size of the screws are dependant on the type of mounting surface. Mounting hardware is not included.

**4.2** Install the module (purchased separately) onto the bracket using the plungers (Figure 2).

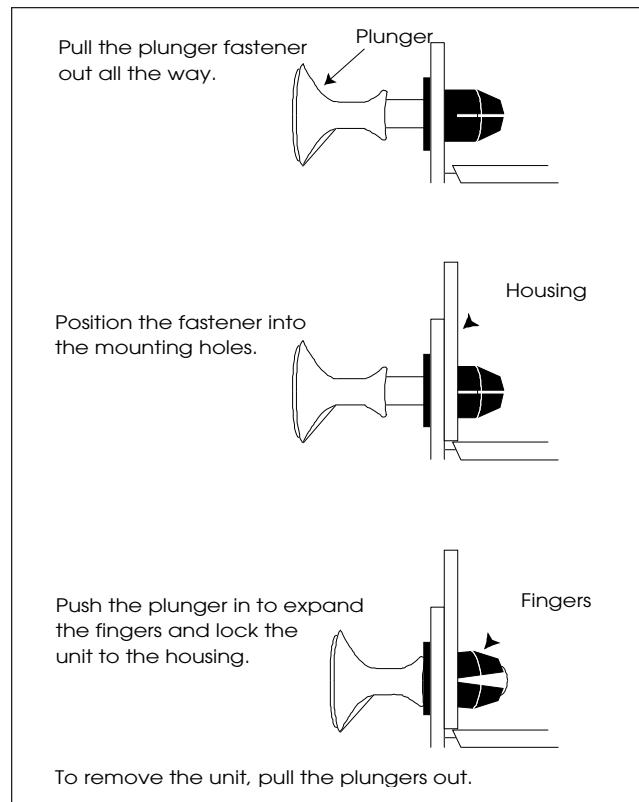


Figure 2

4.3 Use a cable tie in the location shown in Figure 1 to secure the feeder cable to the bracket.

4.4 Insert jumper connectors into the adapters at the front of the module.

**NOTE:** *The connector is a delicate device. Obey the following precautions in order not to damage the surface of the connector and make it unusable:*

- Use a clean tissue soaked in alcohol to gently clean the connector. Do not press heavily on it as you clean.
- Dry the connector prior to installation by blowing it dry with compressed air or a dry tissue.
- Clean all areas that will contact the connector adapter.
- Do not force the connector into the receptacle. If the connector does not fit easily into the receptacle, back it out and reinstall.
- Install threaded connectors into the adapter and tighten. Do not OVERTIGHTEN. Do not allow the connector body (ferrule) to turn as you screw it into place. This causes the surfaces to grind against each other.

4.5 Route jumpers to their intended destination.

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Special Note:  
Fiber Optic  
Training  
Program



Corning Cable Systems offers comprehensive, integrated training programs. Courses are structured for: telephony, CATV, LAN, Intelligent Transportation Systems and Power Utilities.

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