

# ANN-LC

## Lite-Connect™ Module


**Annunciators**

### General

Lite-Connect™ is a fiber module (ANN-LC) that allows the MS-9050UD to become a common central station communicator for multiple MS-9050UD and MS-9200UDLS fire alarm control panels. Lite-Connect is a solution that allows building owners to reduce the number of phone lines by consolidating the central station communications to a single panel. Using fiber-optic technology, the panels are connected together and the MS-9050UD sends point or zone information for the entire system to the central station. In addition, building to building connections with fiber avoid potential ground fault issues and damage caused by lightning strikes.

**NOTE:** When using the IPGSM-DP(C) or IPGSM-COM Commercial Fire Communicator, node address settings 10 or above should not be used. There are no restrictions with the IPGSM-4G(C).

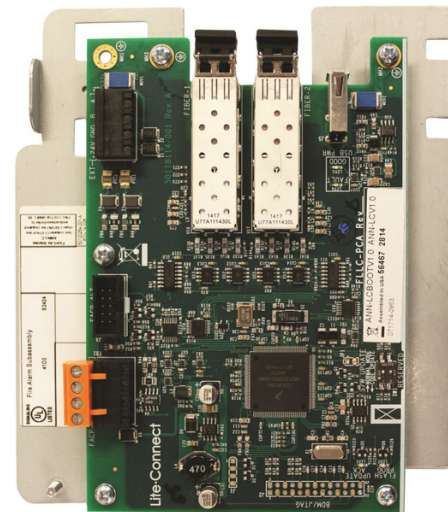
### Features

- Each FACP (main MS-9050UD and remote panels) requires its own ANN-LC module.
- Up to 16 remote panels (MS-9050UD and MS-9200UDLS).
- Fiber optic panel to panel connections to avoid potential ground faults or lightning strike issues.
- Main panel communicates up to 50 points / 20 zones to the Central Station for the MS-9050UD and 198 points / 99 zones for the MS-9200UDLS.
- Connects to the ANN-BUS of the fire panel and requires minimal programming.
- Class B or Class A operation for survivability.

Each panel requires a unique “node” address that is assigned in programming.

### Specifications

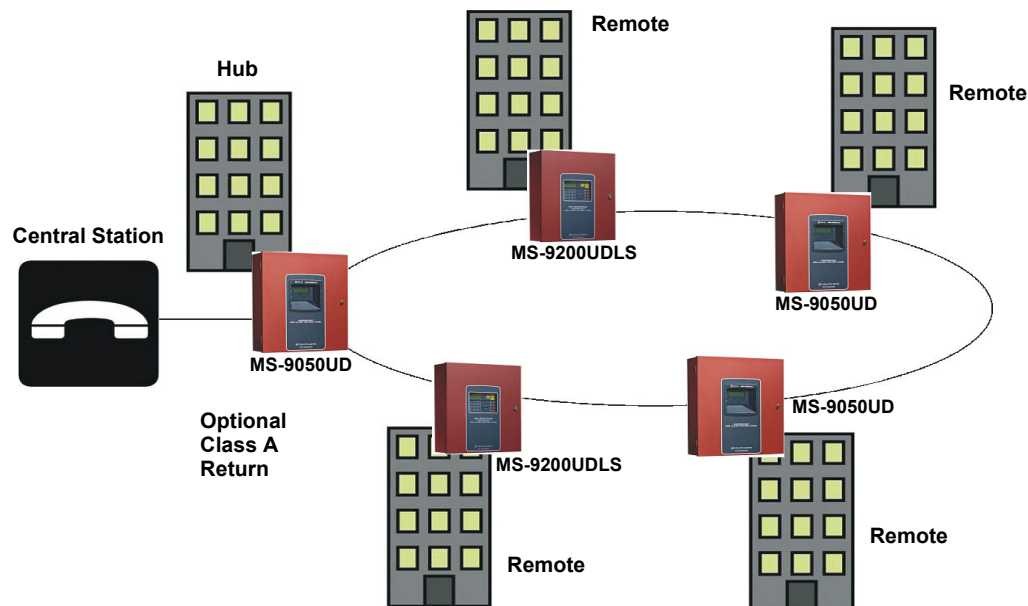
- Operating voltage: 24 VDC
- Maximum current: 150 mA @ 24 VDC



- Maximum attenuation of the optical signal between any two ANN-LC cards for 62.5/125 or 50/125 multi-mode fiber optic cable with LC connectors: 5 dB.
- For uninterrupted cable runs, this will equate to a maximum fiber optic cabling distance of 3.1 miles (5km) between each Lite-Connect card.

**NOTE:** Any attenuation incurred through the use of cable splicing, optical patch connections, or other loss inducing equipment in the fiber cable path between Lite-Connect cards shall be included in the overall attenuation calculation, along with the fiber cable, and shall not exceed in total the 5db attenuation limit.

- Compatible with the MS-9050UD Series software version 4.0 or later.
- Compatible with the MS-9200UDLS Series software version 7.0 or later.
- Each ANN-LC must have the same version of the Lite-Connect module software.



## Agency Listings and Approvals

These listings and approvals below apply to the ANN-LC Lite-Connect Module. In some cases, certain modules or applications may not be listed by certain approval agencies, or listing may be in process. Consult factory for latest listing status.

- **UL Listed:** S2424
- **CSFM:** 7300-0075:0231
- **FM approved**
- **Fire Dept. of New York:** COA #6177

## Ordering Information

**ANN-LC:** Module ships with a hardware kit containing a ground cable, a 21" long ribbon cable, 2 hex nuts, and 1 self-tapping screw.

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This document is not intended to be used for installation purposes.  
We try to keep our product information up-to-date and accurate.  
We cannot cover all specific applications or anticipate all requirements.  
All specifications are subject to change without notice.



Assembled in the USA

For more information, contact Fire•Lite Alarms. Phone: (800) 627-3473, FAX: (877) 699-4105.  
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