

SK-FML / SK-FSL

Fiber Optic Modules

The Honeywell SK-FML (Fiber-Optic Multi-Mode) and SK-FSL (Fiber-Optic Single-Mode) are plug-in fiber loop modules. These work as one channel to transmit or receive communications with the Honeywell Silent Knight SK-NIC (Network Interface Card) ARCNET communication circuit.

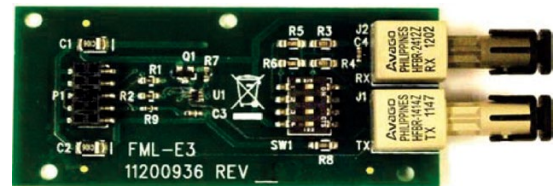
The SK-FML module allows multimode fiber to connect network nodes. It features ST-style connectors with a maximum attenuation of 8db with 62.5/125 micrometer cable. The SK-FSL module allows single mode fiber to connect network nodes. It features LC-style connectors with a maximum attenuation of 30db with 9/125 micrometer cable.

Each fiber loop module can Transmit (TX) or Receive (RX) fiber-optic cable connecting to the SK-NIC. Up to two fiber loop cards can be added to the SK-NIC, and both cards may be combined in the same configuration. Both modules are listed per ANSI/UL Standard 864, 9th addition.

Use these two modules with the SK-NIC to create a common communications and annunciation link on a fiber-optic network of up to 17 panels. A designated panel is configured as the communicator for all panels in the link for convenient single-point communications. Note that panels can also be connected in this way using copper wire.

Compatible panels include the Silent Knight 6000 Series 6820 and 6820EVS FACPs. These two panels are capable of providing up to 1,110 points using SK Protocol. In addition to the built-in Signaling Line Circuit (SLC) in each panel, additional SLCs can be added until maximum point levels are reached.

This connected system can be enhanced by adding modules such as the 6860 remote annunciator with a large 160 character,



SK-FML (MULTI MODE FIBER)



SK-FSL (SINGLE MODE FIBER)

4 x 40 display and four programmable function buttons designed to help automate tasks and reduce time spent at the panel.

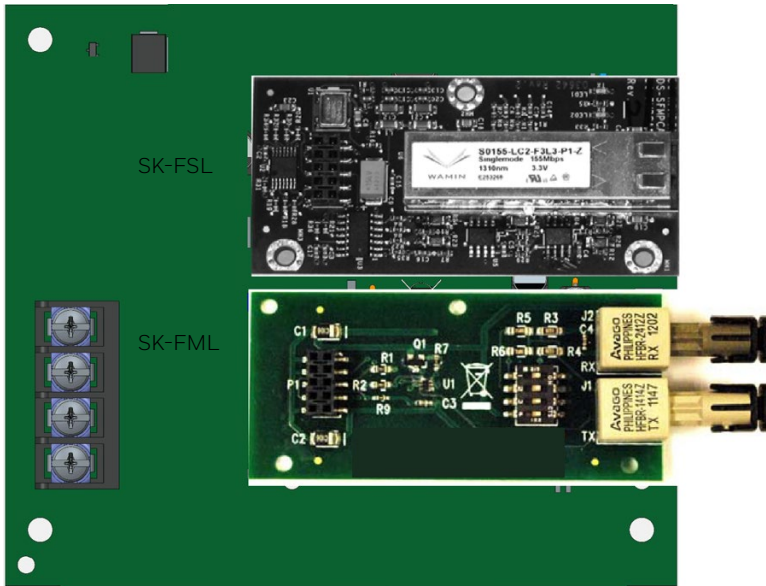
COMPATIBILITY

- 6820: Addressable fire alarm control panel with up to 1,110 addressable points
- 6820EVS: Addressable fire alarm control panel with an emergency communication systems, up to 1,110 addressable points
- 6808: Addressable fire alarm control panel with up to 198 addressable point
- 6700: Addressable fire alarm control panel with up to 100 addressable points

FEATURES & BENEFITS

- Simple plug-in card installation
- Connect compatible panels using fiber optic cable for improved multi-site management and lower monthly monitoring costs
- Use single and multi-mode modules on the same network card for added design flexibility
- Mix fiber-optic segments in the same network as existing copper-wire segments for more convenient system upgrades
- For added flexibility, multi-site panels can also be connected using copper wire. In this case the SK-FML and SK-FSL are not required.

SK-FML and SK-FSL Technical Specifications



For a complete listing of all compliance approvals and certifications, please visit www.silentknight.com.

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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.

INSTALLATION

The SK-FML and SK-FSL modules are designed to plug into their designated spots on the SK-NIC card.

ENVIRONMENTAL

Operating Temperature: 32°F to 120°F (0°C to 49°C)

Humidity: 0 to 93% relative humidity (non condensing)

| | SK-FML | SK-FSL |
|-------------------------|----------------------|-------------------|
| Connection: | ST style | LC style |
| Cable Type: | 62.5/125 micrometers | 9/125 micrometers |
| Standby Current: | 0.053A | 0.079A |
| Alarm Current: | 0.053A | 0.079A |

ORDERING INFORMATION

SK-FML: Fiber Module, multi-mode
SK-FSL: Fiber Module, single-mode

ACCESSORIES

SK-NIC: Network Interface Card
SK-NIC-KIT: Accessory kit for installing the SK-NIC outside of the FACP cabinet (required for 6700 panel installation). Includes one SK-NIC Network Card.

AGENCY LISTINGS AND APPROVALS

UL listed
 FM approved
 CSFM approved
 NFPA 72
 FDNY COA: 6162

For Technical Support, Please call 800-446-6444.

For more information

Learn more about Honeywell Silent Knight and other products by visiting www.silentknight.com

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