

FIK-FML/FSL Fiber Optic Modules

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

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

Each fiber loop module can transmit (Tx) or receive (Rx) a fiber-optic cable connecting to the FIK-NIC. Up to two fiber loop cards can be added to the FIK-NIC, and both cards may be combined in the same configuration. Both modules are listed per ANSI/UL Standard 864, 9th edition.

Use these two modules with the FIK-NIC to create a common communication 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.

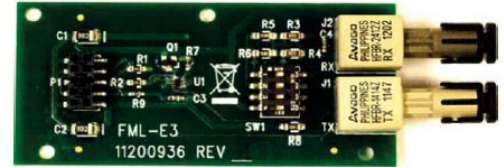
COMPATIBILITY

The FIK-FML and FIK-FSL are compatible with the following Fike FCP series panels:

- FCP-2100 / FCP-2100ECS / RFCP-2100
- FCP-300 / FCP-300ECS
- FCP-75

FEATURES

- Listed per ANSI/UL* Standard 864, 9th Edition
- FIK-FML features ST-style connectors with a maximum attenuation of 8dB with 62.5/125 micrometer cable
- FIK-FSL features LC-style connectors with a maximum attenuation of 30dB with a 9/125 micrometer cable
- Offers the option to combine single and multi-mode modules on the same FIK-NIC card
- Simple plug-in card installation



FIK-FML (Multi Mode Fiber)



FIK-FSL (Single Mode Fiber)

APPROVALS

- UL Listed
- CSFM
- Factory Mutual Approved

For exact certification listings, please reference the respective agency website.

SPECIFICATIONS

Operating Temperature:	32° - 120°F (0° - 49°C)	
Humidity:	0% to 93% relative humidity (non-condensing)	
	FIK-FML	FIK-FSL
Connection:	ST style	LC style
Cable Type:	62.5/125 micrometers	9/125 micrometers
Current:	0.053A (standby and alarm)	0.079A (standby and alarm)

ORDERING INFORMATION

Part Number	Description
FIK-FML	Fiber Module, multi-mode
FIK-FSL	Fiber Module, single-mode
FIK-NIC	Network Interface Card
FIK-NIC-KIT	Accessory kit for installing the FIK-NIC outside of the FACP cabinet. Includes one FIK-NIC card.