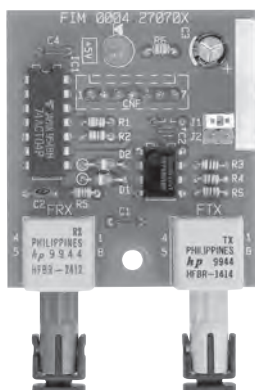


Fiber-optic Interface Module (FIM) - Part Number PCA-2707XA FIM



Features:

- UL listed to standard 864, 9th edition
- Max. 64 nodes available on network
- NFPA Style 7 connection applicable
- Status LED
- Down-sized PC assembly
- Easy installation

Description:

The FIM assembly is the optional component for the FACP system. The FIM provides the system ability to use the optic fiber system for system network. The FIM is used in the system together-with the Network Interface Unit (NIU).

The FIM contains an element by which the data from/to other FACP's on network are converted to optical data for transmission.

The 5 VDC power required for operation is supplied from NIU to the FIM.

The FIM equips with a status indicator (LED). The green LED indicates normal 5 VDC power supply from NIU when it is turned on.

The FIM equips with jumpers which shall be set according to the length of optic fiber used (i.e. less than one kilometer or more than one kilometer).

Ordering information:

- Part no. PCA-2707XA FIM

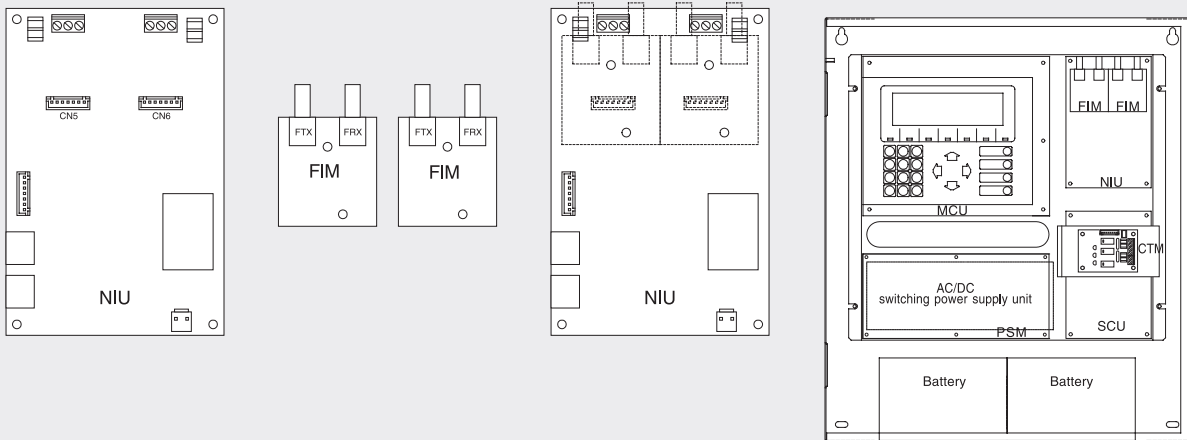
FIM specifications:

No.	Item	Specification
1	Maximum 5 VDC standby current	180 mA
2	Maximum 5 VDC alarm current	180 mA
3	Ambient operating temperature range	32 to 120 °F (0 to 49°C)
4	Maximum ambient operating humidity	85%±5% non-condensing
5	Network connection style	NFPA Style 7
6	Maximum number of node on network	64
7	Max. fiber length between an FIM and next FIM	2km (50/125 μm), 1.7km (62.5/125 μm)
8	Maximum attenuation	6 db
9	Dimensions	50mm (1.97") (H) x 70mm (2.76") (W) x 25mm (0.98") (D)

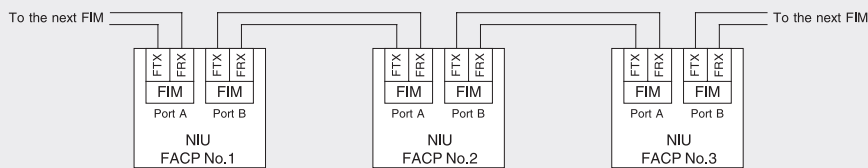
Optic fiber specifications:

No.	Item	Specification
1	Fiber type	G1
2	Material	Quartz glass
3	Core diameter	50μm or 62.5 μm
4	Clad	125 μm
5	Band width	850 nm

Installation and wiring information:



Typical installation in FACP enclosure



NFPA Style 7 optic fiber connection

Note:

- These instructions do not purport to cover all the details or variations in the equipment described, nor provide for every possible contingency to be met in connection with installation, operation and maintenance.
- Specifications are subject to change without notice. Contact Nohmi before relying on above specifications.
- Actual performance is based on proper application of the product by a qualified professional.
- Should further information be desired or should particular problems arise, which are not covered sufficiently for the purchaser's purposes, the matter should be referred to Nohmi or a distributor in your region.

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