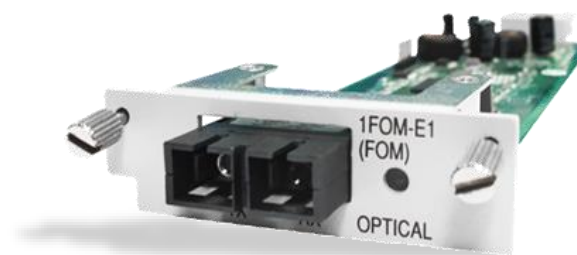


Fiber Optical Interface Card for HX9800



Features

- Supports 1 + 1 protection functionality
- Supports remote management via EOC channel
- Provides a multi-color LED indicator

Description

The fiber optical interface is designed for HX9800 as embedded 1 or 4 E1 fiber optical modem. This plugged-in card can be used to aggregate 1 or 4 E1 channels to a single fiber optical interface to connect with other HX9800 units.

Ordering Information

Note 1: RoHS compliant units are identified by the letter **G** appearing at the end of ordering code.

Note 2: Before purchasing, please check the HX9800 main brochure to see if the following models are supported by the controller to be used with.

Model	Description	Notes
HX9800-SFOM-opt-G	Fiber Optical Interface	For opt option, please refer to the table below for detail information

- Where **opt** is used to select optical module type (All optical modules are RoHS compliant):

opt =	Description	Note
NHB3S (was SAA)	Single optical module with dual uni-directional fiber, 1310 nm, SC optical connector, 30 km - S1.1	• Use dual fiber • Units delivered ITU-T G.957 application code • Use with Single-mode 9/125 μ m fiber cables
NHB5S (was SBB)	Single optical module with dual uni-directional fiber, 1310 nm, SC optical connector, 50 km - L1.1	• Use dual fiber • Units delivered ITU-T G.957 application code • Use with Single-mode 9/125 μ m fiber cables
NHB3F (was SCC)	Single optical module with dual uni-directional fiber, 1310 nm, FC optical connector, 30 km - S1.1	• Use dual fiber • Units delivered ITU-T G.957 application code • Use with Single-mode 9/125 μ m fiber cables
*NHC2S (was SDD)	Single optical module with dual uni-directional fiber, 1550 nm, SC optical connector, 20 km - S1.2	• Use dual fiber • Units delivered ITU-T G.957 application code • Use with Single-mode 9/125 μ m fiber cables * For the orders of the listed optical modules, please contact your Loop sales representative.
NHCUS (was SEE)	Single optical module with dual uni-directional fiber, 1550 nm, SC optical connector, 100 km - L1.2	• Use dual fiber • Units delivered ITU-T G.957 application code • Use with Single-mode 9/125 μ m fiber cables
WHD2S (was SSM)	Single optical module with single bi-directional fiber (master), 1310 nm transmit and 1550 receive, SC optical connector, 30 km - S1.1/ S1.2	• 1310 nm from master to slave • Order WHD2S to use with WHE2S • Use 1 fiber • ITU-T G.957 application code • Use with Single-mode 9/125 μ m fiber cables
WHE2S (was SSS)	Single optical module with single bi-directional fiber (slave), 1310 nm receive and 1550 transmit, SC optical connector, 30 km - S1.1/ S1.2	• 1550 nm from slave to master • Order WHE2S to use with WHD2S • Use 1 fiber • ITU-T G.957 application code • Use with Single-mode 9/125 μ m fiber cables

Note: For other special optical modules, please contact your nearest CXR sales representative.

Product Specifications

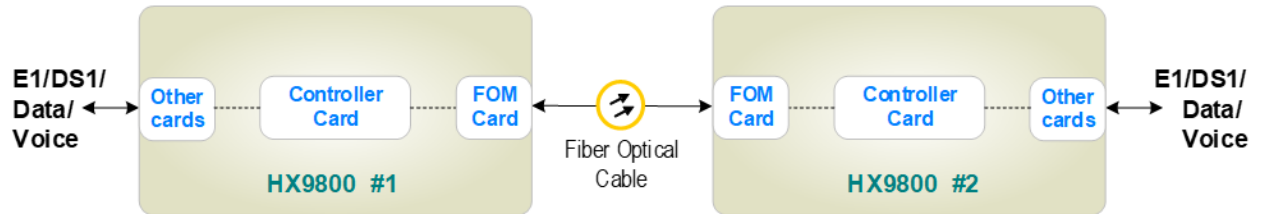
Fiber Optical Interface

Source	MLM Laser	Line Code	Scrambled NRZ
Wavelength	1310 $\pm$ 50 nm, 1550 $\pm$ 40 nm	Detector Type	PIN-FET
50 Km reach		Protection	Optional 1+1 APS

NOTE: Longer or shorter, 15 to 120Km, on special order.

Application Illustrations

Point to Point



1 for 1 Protection

