

LS-Fiber (4C37SFPA) Optical Interface for HX9800

Features

- 4-port C37.94 interface card with SFP housing
- Supports data rates up to 12x64kb
- Provide multi-color LED indicator
- With ALS (Automatic Laser Shutdown)

Description

The LS-Fiber (4C37SFPA) Optical interface is a low-speed single-slot plug-in card designed for the HX9800 series to transport C37.94 teleprotection signals between power substations. Each SFP port of the interface supports a configurable bandwidth of 1 to 12 DS0 (64K), and is protected by Automatic Laser Shutdown (ALS). Teleprotection signals are then cross-connected by the controller card to merge onto E1/T1, SDH/SONET, or Packet Network for transportation. Link and module integrity can be diagnosed via loopback signals.



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	Note
Main Unit		
HX9800-4C37SFPA- G	4- channel C37.94 plug-in card (SFP port)	Without SFP, SFP must be ordered separately.

■ SFP module for HX9800-4C37SFPA-**G**

Code	Description										Notes
	Mode		Data Rate		Wave Length		Distance		Connector		
	Code	Description	Code	Description	Code	Description	Code	Description	Code	Description	
MRPTD	M	Multi-Mode	R	2 M	P	850nm	T	2km	D	LC connector with DDM	SFP Module
PRB2D	P	Single-Mode	R	2 M	B	1310nm	2	20km	D	LC connector with DDM	SFP Module

Product Specifications

For SFP module for **HX9800-4C37SFPA-G**:

MRPTD

Multi-Mode, 2Mbps, 850nm, 2KM, LC connector with DDM

Tx						Rx						Note
Power (dBm)			Wavelength (nm)			Power (dBm)			Wavelength (nm)			
Min	Typ	Max	Min	Typ	Max	Min	Typ	Max	Min	Typ	Max	
-23	--	-11	830	850	860	-32	--	-8	790	--	870	
-19	--	-11										
												50/125μm Fiber Cable
												62.5/125μm Fiber Cable

PRB2D

Single-Mode, 2Mbps, 1310nm, 20KM, LC connector with DDM

Tx						Rx						Note
Power (dBm)			Wavelength (nm)			Power (dBm)			Wavelength (nm)			
Min	Typ	Max	Min	Typ	Max	Min	Typ	Max	Min	Typ	Max	
-19	--	-11	1290	1310	1350	-32	--	-8	1260	--	1360	

Application Illustrations

