

Mini Quad E1 Interface Card for HX9800



Features

- Usable as a CSU/DSU
- Full TSI capability among all time slots in the main unit
- Remote diagnostics
- Software field upgradable

Description

The Mini Quad E1 plug-in card is designed for the mini-slot of the HX9800 series. It allows each DS0 time slot in the T1 or E1 interfaces to be interchanged and multiplexed onto a digital network.

Continuous error checking, performance polling, and in-service diagnostics are provided through the main controller of the HX9800 series.

Great for indoor, inside building E1 connections or drops from a SONET/SDH network. For outside connections where lightning protection is required please use our full Quad E1 interface card.

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-SM4E75- G	Mini Quad E1 plug-in card with 75 ohm	Includes a three meter conversion cable (CXR-ACC-CAB-DB25M-300-8BNCF or CXR-ACC-CAB-DB25M-300-8BNCF). Please specify the required cable, otherwise the CXR-ACC-CAB-DB25M-300-8BNCF cable will be shipped.
HX9800-SM4E120- G	Mini Quad E1 plug-in card with 120 ohm	Includes a three meter conversion cable (CXR-ACC-CAB-DB25M-300-4RJ48M).
Conversion Cables(All conversion cables are RoHS compliant)		
CXR-ACC-CAB-DB25M-300-8BNCF	DB25/Male to eight BNC/Male cable; Length: 300 cm	
CXR-ACC-CAB-DB25M-300-8BNCF	DB25/Male to eight BNC/Female cable; Length: 300 cm	
CXR-ACC-CAB-DB25M-300-4RJ48M	DB25/Male to four RJ48C/Male (8P8C Plug) cable; Length: 300 cm	

Mini Quad E1 Interface Card for HX9800 Series Product Specifications

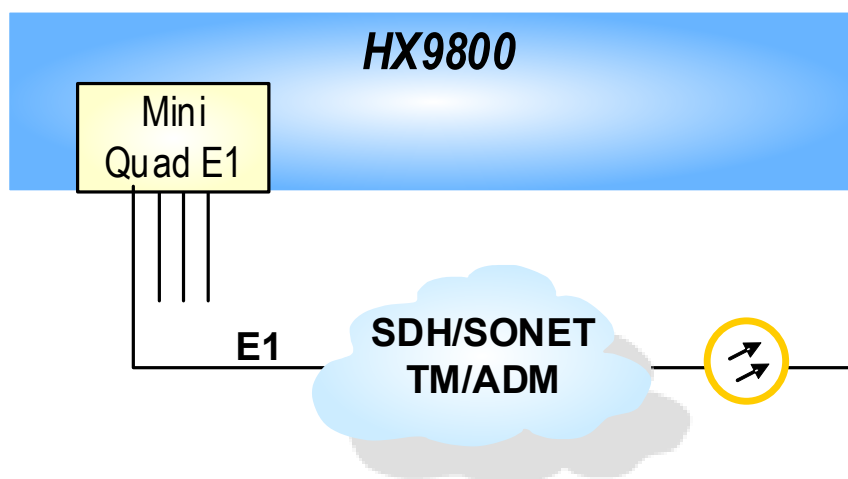
Network Line Interface - 4E1

Line Rate	2.048 Mbps $\pm$ 50 ppm	Framing	ITU G.704
Line Code	AMI or HDB3	Connector	DB25S
Input Signal	ITU G.703 to -10dB	Electrical	75 ohm Coax/120 ohm twisted pair
Output Signal	ITU G.703	Jitter	ITU G.823

Performance Monitor

Performance Store	Last 24 hours performance in 15-minute intervals and last 7 days in 24-hour summary line, user, and remote site
Performance Reports	Date & Time, Errored Second, Degraded Minutes, Unavailable Second, Bursty Errored Second, Severe Errored Second, Controlled Slip Second, and Loss of Frame Count
Alarm History	Date & Time, Alarm Type (i.e. RAI, AIS, LOS, LOF, BPV, ES, UAS, CSS)
Alarm Queue	Alarm records which record the latest alarm type, date and time
Threshold	Bursty Seconds, Severely Errored Second, Degraded Minutes

Application Illustrations



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