



MINI QUAD E1 CARD FOR QX3440 AND QX3440-D/E

V1.1



QX3440-MQE1 card for QX3440



QX34DD-MQE1 for QX3440-D or E

Features

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

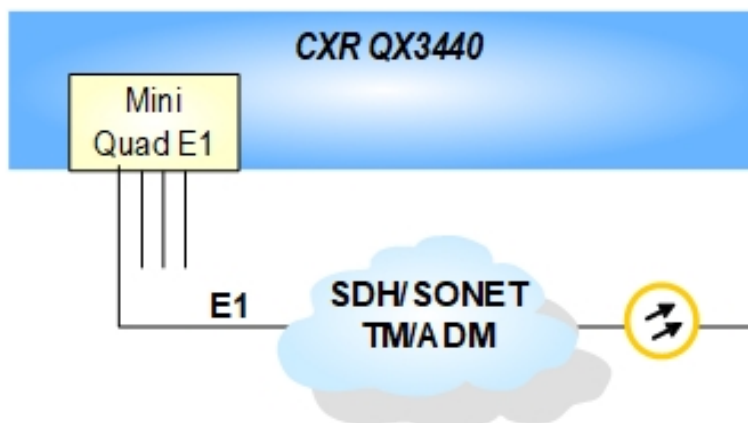
Description

The Mini Quad E1 plug-in card is designed for the mini-slot of the CXR QX3440 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 CXR QX3440 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.

Application Illustration



Ordering Information

To specify options, choose from the list below.

Note: Units are RoHS compliant units.

Model	Description	Notes
QX3440-MQE1	Mini Quad E1 120ohms Interface for QX3440, mini slot delivered with cable to 4 RJ45M Mini Quad E1 short-haul interface card for small slot of QX3440 CHA/CHC/CHPAA only, Includes a three meter conversion cable (CXR-ACC-CAB-DB25M-300-4RJ48M)	
QX3440-MQE1-BNC	Mini Quad E1 75ohms Interface for QX3440, mini slot delivered with cable to 8 BNC M / DB25	
QX34DD-MQE1-BNC	Mini Quad E1 75ohms Interface for for QX3440-D (DB25 interface), delivered with 3m cable to 8 BNC M /DB25	
QX34DD-MQE1	Mini Quad E1 120ohms Interface for for QX3440-D/E delivered with cable to 4 RJ45M 3m cable	
Accessories		
Conversion Cables (All conversion cables are RoHS compliant)		
CA-DB25M-4RJ45-E1-1	*Spare: cable for QX3440-MQE1 120ohms , DB25M to 4 RJ45M	
CA-DB25M-8BNC-E1-1	*Spare: cable for QX3440-MQE1-BNC 75ohms , DB25M to 8 BNC-M	

Mini Quad E1 Interface Card for QX3440 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. Master Clock Loss, RAI, AIS, LOS, BPV, ES, CS), and Location (i.e. line, DTE)
Alarm Queue	Alarm records which record the latest alarm type, location, and date & time
Threshold	Bursty Seconds, Severely Errored Second, Degraded Minutes