



QX3440-MQE1 / QX34DD-MQE1

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.

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

Application Illustration

