QX3440-4E1 | QX3440-4T1

INTERFACE CARD

FEATURES

Has four E1 or T1 Interface

Usable as a CSU/DSU, T1 to E1 converter

Full TSI capability among all time slots in the main unit

Remote diagnostics

Single LED indicator per port

Software field upgradable

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Introduction

CXR 4T1/4E1 plug-in cards are a series of 2 different plug-in cards designed for the QX3440 series. They allow each DS0 time slot in QT1 or QE1 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 QX3440 series. In addition, an LED on the plug-in provides status indication.

Adjacent card support the 1+1 protection E1 per E1 independently.

Each E1/T1 can be used independently as Network access or as user interface.

Ordering information

To specify options, choose from list below.

Model	Description
QX3440-4E1	4-channel E1 Interface 120 ohms with 4 RJ48C connector
QX3440-4E1-75	4-channel E1 Interface 75 ohms with 8 BNC connector
QX3440-4T1	4-channel T1 Interface 100 ohms with 4 RJ48C connector

QX3440-4T1 Network Line Interface

Line Rate	2.048 Mbps ± 50 ppm	Framing	ITU G.704
Line Code	AMI/HDB3	Connector	RJ48C or BNC
Input Signal	ITU G.703	Output Signal	ITU G.703
Jitter	ITU G.823	Electrical	75W coax/120W twisted pair
Data Rate	n * (64) Kbps (n = 1 - 32)		

QX3440-4E1 Network Line Interface

Line Rate	1.544 Mbps ± 32 ppm	Framing	D4/ESF
Line Code	AMI/B8ZS	Connector	RJ48C
Input Signal	DSX-1 0dB to –30dB w/ ALBO	Output Signal	DSX-1 w/0, -7.5, -15 dB LBO
Jitter	AT&T TR 62411	Pulse Template	AT&T TR 62411
Data Rate	n * (64) Kbps (n=1-24)		
Surge Protection	FCC Part 68 Sub Part D		

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