

QT1/ QE1 INTERFACE CARD

Features

- Has four E1/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

DESCRIPTION

CXR's QT1/QE1 plug-in cards are a series of 2 different plug-in cards designed for the CXR-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 CXR-QX3440 series. In addition, an LED on the plug-in provides status indication.



ORDERING INFORMATION

To specify options, choose from the list below:

Model (RoHS compliant)	Description	Note
CXR-QX3440-4E1-cc	4-channel E1 Interface where cc = RJ for RJ48C connector BNC for BNC connector	For QX3440 and QX3440-S only
CXR-QX3440-4T1	4-channel T1 Interface	

PRODUCT SPECIFICATIONS

QT1/QE1 Interface Card for CXR-QX3440 Series Product Specifications

Network Line Interface (QT1)

Line Rate	1.544 Mbps \pm 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		

Network Line Interface (QE1)

Line Rate	2.048 Mbps \pm 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)		

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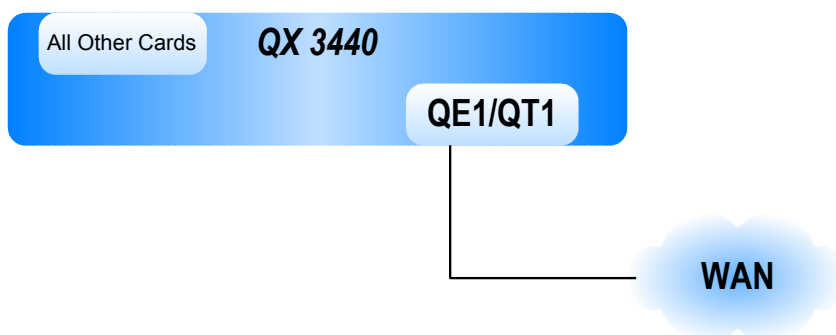
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APPLICATION ILLUSTRATION



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