QX3440-3RS232a-DTE-DCE
QX34DD-3RS232a-DTE-DCE

3RS232 CARD FOR QX3440 AND QX3440- E

Features

- Supports RS232
- Supports one DB44 connector for Port 1, 2, and 3.
- Two software configurable modes:
    - RS232 DTE Sub-rate mode
    - RS232 DCE Sub-rate mode
- RS232 DTE/DCE Sub-rate Mode:
    - Port 1 and Port 2: Sync/Async RS232
    - Port 3: Async RS232
    - Supports V.110 sub-rate
    - Supports both synchronous and asynchronous data
    - Data rate
        - Sync: 0.6K, 1.2K, 2.4K, 4.8K, 7.2K**, 9.6K, 14.4K**, 19.2K, 38.4K, 48K, 64K
        - Async: 0.6K, 1.2K, 2.4K, 4.8K, 7.2K**, 9.6K, 14.4K**, 19.2K, 38.4K
    - Supports MUX or NON-MUX (independent) operation
    - Async supports: 7 or 8bits data, 1 or 2 stop bits, odd/even/none parity
    - DCE mode/DTE mode per-card software configurable, with different conversion cable supported

    **proprietary transport mode for 7.2K and 14.4K data rate

For QX3440-A/C

For QX3440-E

Description

The 3RS232a card for CXR-QX3440 series has three interface ports. The DB44 connector is available in Asynchronous and Synchronous modes and provides three ports. One cable supported is for converting from DB44 connector to two DB25 and one DB9 connectors.

For Asynchronous signals, each of the three asynchronous ports up to 38.4 Kb/s rate, is assigned a separate 64 Kb/s channel in independent mode. Moreover, each port can be used in either NON-MUX (independent) mode or MUX mode for Sync/Async applications.

The 3RS232a card comes in two sizes, the longer one is for QX3440-A(5U) and C(3U) while the shorter one is for QX3440-E(1U). Both allow users to transport subrate signals on a 64Kbps channel and the data will fill into the bit stream. Users are able to have customized MUX configuration as wishes. Also, all three ports can be MUXed; only port 1 is in MUX mode at all time, and all the configured MUX ports will be merged to port 1. Furthermore, there will be solely one MUX group and all Mux port kbits cannot be larger than 64kbits.

Ordering Information

To specify options, choose from the list below.
Note: Units are RoHS compliant units.

Model	Description	Notes
QX3440-3RS232a-DTE-DCE	3-port RS232 card Asyn/Sync, DCE/DTE plug-in card, with DB44 connector	To use with 3RS232a interface card, it is recommended to purchase a conversion cable. CXR-ACC-CAB-DB44M-150-2DB25F-DB9F-DCE CXR-ACC-CAB-DB44M-150-2DB25F-DB9F-DTE For 5U or 3U Chassis (QX3440 /C)
QX34DD-3RS232a-DTE-DCE	3-port RS232 card Asyn/Sync, DCE/DTE plug-in card, with DB44 connector	To use with 3RS232a interface card, it is recommended to purchase a conversion cable. CXR-ACC-CAB-DB44M-150-2DB25F-DB9F-DCE CXR-ACC-CAB-DB44M-150-2DB25F-DB9F-DTE For 1U chassis (QX3440-D/E)
Accessories		
Conversion Cables (All conversion cables are RoHS compliant)		
CXR-ACC-CAB-DB44M-150-2DB25F-DB9F-DCE 	DSUB-44 pin/Male to two DSUB-25 pin/Female- one SUBD-9 pin/Female plug, Length:150cm. **DCE mode**	Used in QX3440-3RS232a-DTE-DCE plug-in card
CXR-ACC-CAB-DB44M-150-2DB25F-DB9M-DTE 	DSUB-44 pin/Male to two DSUB-25 pin/Male and one SUBD-9 pin/Male plug, Length:150cm. **DTE mode**	Used in QX3440-3RS232a-DTE-DCE plug-in card

3RS232A Card Specifications

DTE Interface (RS232 with V.110 encoding, 3-port)

Data Port	Up to 3 ports		
MUX	Maximum 3 subrate port / 64Kbps		
Data Rate	Asynchronous	Mux mode	0.6K, 1.2K, 2.4K, 4.8K, 9.6K, 19.2K
		Independent mode	0.6K, 1.2K, 2.4K, 4.8K, 9.6K, 19.2K, 38.4K
	Synchronous	Mux mode	0.6K, 1.2K, 2.4K, 4.8K, 9.6K, 19.2K,
		Independent mode	0.6K, 1.2K, 2.4K, 4.8K, 9.6K, 19.2K, 38.4K, 48K, 64K

*proprietary transport mode for 7.2K and 14.4K data rate

Connector	DB44		
		Port Number	
DB44	1	2	3
	Sync/Async	Sync/Async	Async
Alarm	Remote Alarm		
	RTS Loss		
Loopback	To-DTE		
	To-DS1 (To Line)		
Electrical	RS232 Interface, DCE		

Application Illustration

CXR QX3440 CCPB QX3440-E

3RS232

PW / E1 / T1 G.shdsl Interfaces

DTE or DCE

RS232 Device

WAN

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