QX3440-6G703-64K-CDM

INTERFACE CARD FOR QX3440 SERIES

Features

- 6-port G.703 single slot plug-in card for the QX3440 series
- ITU G.703 64 Kbps Co-directional and Contra-directional interfaces support
- Per port configurable for Co-directional or Contra-directional interfaces
- Co-directional Alarm: LOS and insert AIS(All 1)
- Contra-directional: LOO (Loss Of Octet)
- Loop back: DTE Payload Loopback, Local Loopback

Description

The QX3440-6G703-64K-CDM plug-in card is designed for the single slot of CXR-QX3440 series. This interface supports 64 kbps data transport using the G.703 co-directional or contra-directional timing standard over a balanced wire.

The QX3440-6G703-64K-CDM card provides three co-directional/contra-directional mode options for different field requirements: (a) Co-directional + Contra-directional controlling (DCE) mode, (b) Co-directional + Contra-directional subordinate (DTE) mode, and (c) Mixed mode.

The QX3440-6G703-64K-CDM card supports diagnostics and alarms. This allows diagnostics and fault isolation.

Ordering Information

Model	Description	Notes
QX3440-6G703-64K-cdm	6-channel G.703 Interface at 64 Kbps data rate. Per port configurable for Co-directional or Contra-directional interfaces.	For **cdm** option, please refer to the table below for detail information.

■ Where **cdm** is used for co-directional/contra-directional mode selection. Must select one from table below.

cdm	Description
cc	Supports G.703 Contra-directional controlling (DCE) and Co-directional interface configuration
cs	Supports G.703 Contra-directional subordinate (DTE) and Co-directional interface configuration
mixed	Supports G.703 Contra-directional controlling (DCE), Contra-directional subordinate (DTE) and Co-directional interface configuration

G.703 Interface Card Specifications

Data Port   6-port
Interface   cc mode : ITU G.703 64 Kbps co-directional and Contra-directional controlling (DCE) interface
                 cs mode : ITU G.703 64 Kbps co-directional and Contra-directional subordinate (DTE) interface
                 mixed mode : ITU G.703 64 Kbps co-directional, Contra-directional controlling (DCE) and
                              Contra-directional subordinate (DTE) interface
Connector   120ohm, RJ48
Line Distance   Up to 500 meters
Alarm   Co-directional : LOS and insert AIS(All 1)
                 Contra-directional : LOO (Loss Of Octet)
Loopack   DTE Payload Loopback, Local Loopback

Pin Definition Table

cc Mode

Pin Number	Co-directional Signal	Contra-directional Controlling Signal	Source
1	R TIP	R TIP	
2	R RING	R RING	
3		RX CLK TIP	Output
4	T TIP	T TIP	
5	T RING	T RING	
6		RX CLK RING	Output
7		TX CLK TIP	Output
8		TX CLK RING	Output

cs Mode

Pin Number	Co-directional Signal	Contra-directional Subordinate Signal	Source
1	R TIP	R TIP	
2	R RING	R RING	
3		RX CLK TIP	Input
4	T TIP	T TIP	
5	T RING	T RING	
6		RX CLK RING	Input
7		TX CLK TIP	Input
8		TX CLK RING	Input

Mixed Mode

Pin Number	Co-directional Signal	Contra-directional Controlling Signal	Contra-directional Subordinate Signal	Source
1	R TIP	R TIP	R TIP	
2	R RING	R RING	R RING	
3			RX CLK TIP	Input
4	T TIP	T TIP	T TIP	
5	T RING	T RING	T RING	
6			RX CLK RING	Input
7		TX CLK TIP		Output
8		TX CLK RING		Output

G.703 Interface Card Specifications
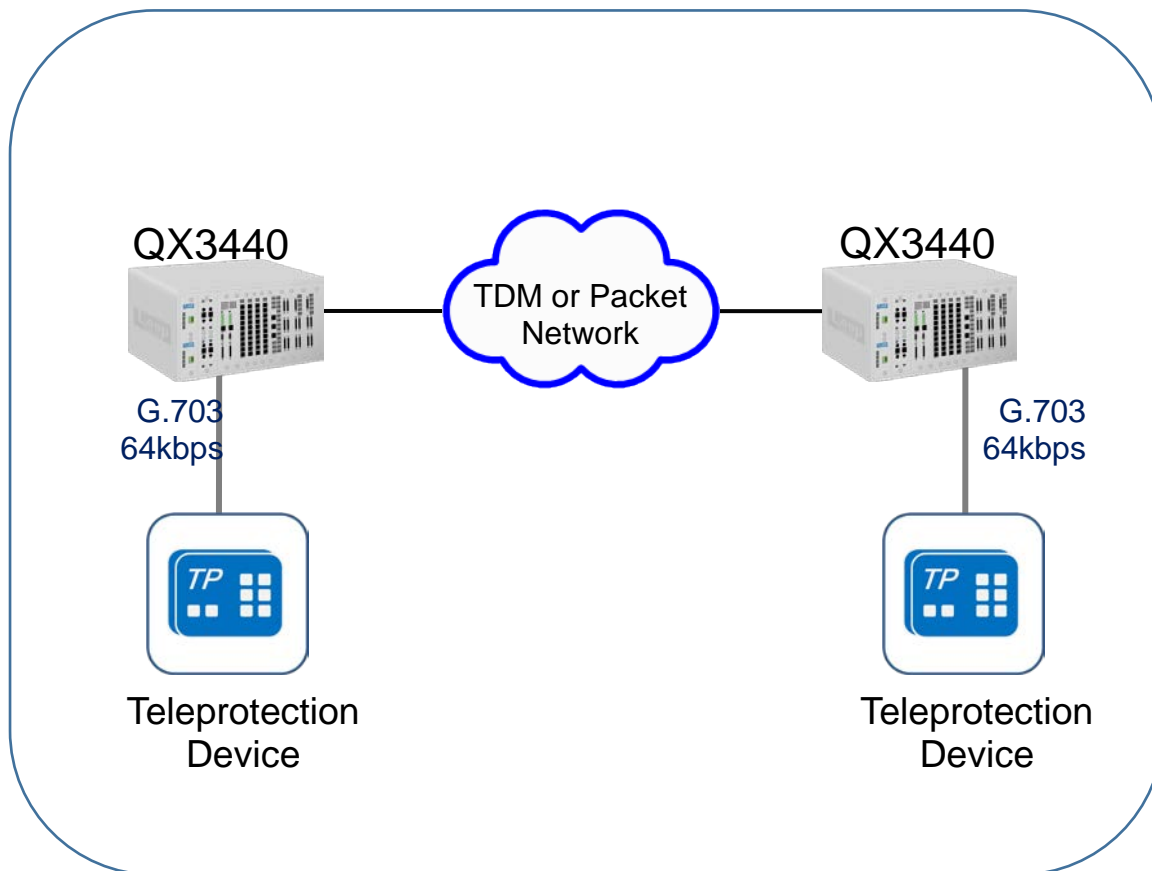
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