



# QX3440-4GSH

# QX3440-2GSH4W

## G.SHDSL CARD FOR QX3440

### Description

CXR's G.shdsl plug-in card is designed for QX3440 series. This card allows direct connection to wire pairs using 16PAM transmission technology. Versatility of this card comes from the choice of data rates, with the lower data rates applicable to longer reaches.

The G.shdsl plug-in card supports configuration and diagnostics using a local or remote terminal connected to the main unit. This allows in-service diagnostics and fault isolation .

### Features

- 12 telephone connections for Magneto
- Number of port: 4 or 2
- Line code: 16-TCPAM, full duplex with adaptive echo cancellation
- Data rate for 4-channel G.shdsl: n x 64Kbps (n= 3 to 31)
- Data rate for 2-channel G.shdsl: n x 64Kbps (n= 3 to 15)
- Electrical: Unconditioned 19-26 AWG twisted pair
- Connector: RJ45
- Sealing current: Max. 20 MA source current (option)

### Clock

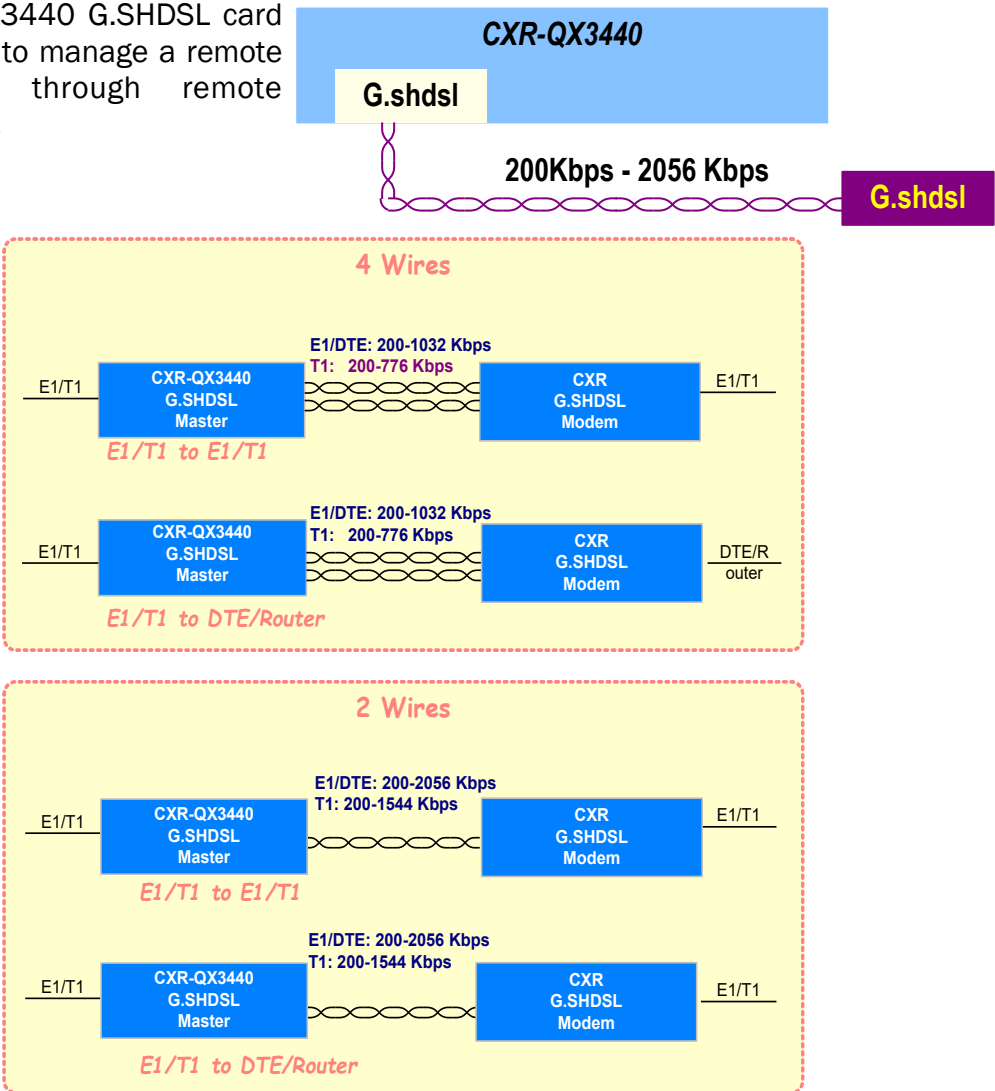
- Source: From System, Line

### Diagnostics Test

- G.shdsl Loopback: To-LINE, To-bus
- BERT: QRSS

### Application Illustration

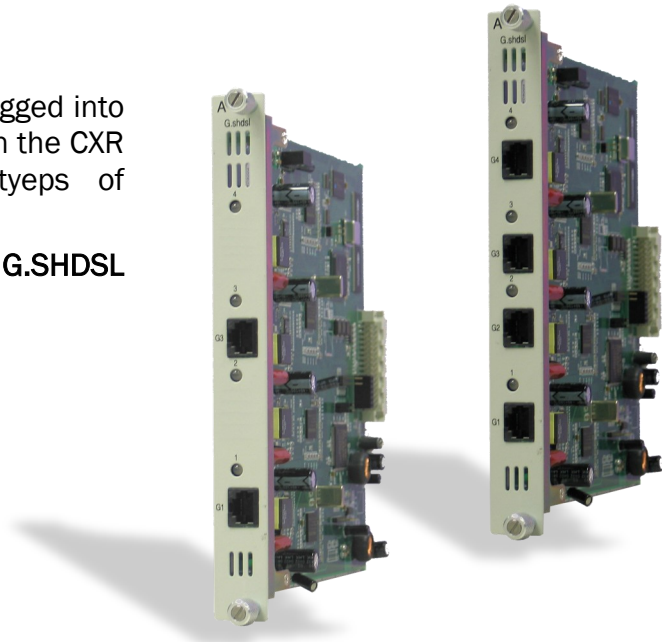
The QX3440 G.SHDSL card is able to manage a remote device through remote control.



## Mechanical Installation

The G.SHDSL card is designed to be plugged into any of the available slots from 1 to 12 in the CXR-QX3440 devices. There are two types of G.SHDSL cards: 2 ports and 4 ports.

**Front panel 2 Port G.SHDSL and 4 Port G.SHDSL Panel.**



## DSL Transmission

Line rate Kbps	Number of pair	Distance(KM)	
		Diameter of copper=0.4mm	Diameter of copper=0.5mm
200	One pair	6,00	8,03
	Two pairs	5,80	7,76
264	One pair	5,80	7,76
	Two pairs	5,00	6,69
392	One pair	5,40	7,22
	Two pairs	4,80	6,42
520	One pair	5,00	6,69
	Two pairs	4,40	5,89
776	One pair	4,70	6,29
	Two pairs	4,20	5,62
1032	One pair	4,50	6,02
	Two pairs	4,00	5,35
1160	One pair	4,00	5,35
	Two pairs	3,70	4,95
1544	One pair	3,90	5,22
	Two pairs	3,30	4,41
2056	One pair	3,50	4,68
	Two pairs	3,00	4,01



CXR  
T +33 (0) 237 62 87 90  
[www.cxr.com](http://www.cxr.com)

Rue de l'Ornette 28410 Abondant France  
contact @ cxr.com

*Smart Solutions for Smart Networks*

Information contained in this document is not contractual. CXR improves its products continuously. Specifications may change without notice.