

G.SHDSL with V.35/X.21 Interface



Key Features

- ▶ G.SHDSL Line Code: TC-PAM
- ▶ High Speed Symmetrical Data Transmission on Single Twisted Copper Pair Wire
- ▶ Data port with multi-protocol support V.35/RS530 and optional RS449, V.11, X.21
- ▶ Nx64Kbps rate configurable to prolong the loop reach.
- ▶ High performance, simple operation, low power consumption
- ▶ Compatible and interoperable with major Central Office side symmetric DSL DSLAM
- ▶ Local OAM&P via RS-232 Craft port or by telnet through 10BaseT port
- ▶ Provide loop-back function for easy maintenance

The Black Box MDSX3208D DSL DSU support the G.SHDSL standardized multi-rate symmetric application, is designed to transport symmetrical data service across a single copper pair at data rates from 64Kbps to 2048Kbps.

Specifications

Multi-protocol Interface support

- V.35/RS530, V.11, X.21 and RS449
- Connector - Female DB25 with optional converter cable for various interface

WAN – G.SHDSL Line I/F

- Line Rate: 72Kbps to 2056Kbps
- Line Code: TC-PAM
- Line Impedance: 135 Ohm
- Connection Loops: One Pair (2-wire)
- Connector: RJ-11

LED Indication

- PWR -- Green LED, indicate power status

- TX - Green/Red LED, Steady Green : data link at Multi-protocol, Flashing when transmitting data, Red when lose of data link if handshaking enable
- RX -Green/Red LED, Steady Green : data link at Multi-protocol, Flashing when receiving data, Red when lose of data link if andshaking enable
- WAN --Green, DSL data link. Green when synchronized. Flash when training
- ALM --Red LED, DSL alarm. Red when lost of sync or data error.

Configuration and Management

- Console VT-100 emulation
- Interface: RS232 with DB9 connector
- Telnet through the IEEE 802.3 Ethernet 10BaseT LAN port with RJ-45 connector.
- TFTP Server for software upgrade through LAN port
- Local loop-back and Data interface loop-back

Environment

Temperature: 0°C ~ 50°C
Humidity: 5% ~ 95%

Electrical

- AC Adapter: Input 110VAC/60Hz or 220 VAC/50Hz; Output 12VDC 1A
- Power Consumption: Less than 10 Watts

EMC

FCC Part15 Class B, CE Class B

Safety

CE EN60950 .

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Ordering information

ITEM

CODE

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