

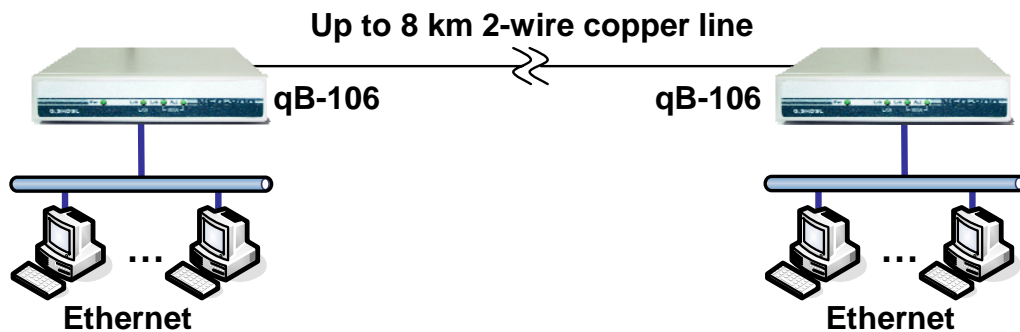
qBRIDGE-106 is a low cost reliable G.SHDSL modem working in "Bridge connection" mode. It can be used for connection of remote segments of 10/100Base-TX Ethernet networks over standard two wire copper line or for subscribers connection to ISP using G.SHDSL technology. qBRIDGE-106 enables connection of two LANs with 200-2320 Kbps throughput.

"Bridge connection" mode modem is transparent for Ethernet frames with VLAN tag and for VPN packets. It has one Ethernet 10/100Base-TX port with Auto-Negotiation and Auto-MDIX capability and one G.SHDSL 200-2320 Kbps port. Packet filtering capability of qBRIDGE-106 helps to save bandwidth by transferring through G.SHDSL line

only frames addressed to remote LAN. User can easily configure qBRIDGE-106 with no additional equipment (terminal emulation program and so on). DIP-switches are used to control main qBRIDGE-106 functions. For detailed configuration and statistics HTTP interface is provided. HTTP interface allows user to configure LAN port settings and SNMP settings. For G.SHDSL interface user can select COE/CPE mode and line bit rate.

qBRIDGE-106 can be used in point to point applications as well as in point to multipoint applications as a CPE for 12/24-port G.SHDSL concentrator maxS-24.

The product is available with external AC or DC power adapter as a standalone unit in compact small-size metal case.



Technical Specifications

Ethernet: "Bridge connection" mode

- IEEE 802.1d transparent learning bridge
- IEEE 802.1q VLAN pass-through

G.SHDSL Interface

- Interface: One G.SHDSL port
- G.991.2 Annex A, B
- Data rate: 200-2320 Kbps
- Full duplex mode
- TC-PAM16 line coding
- Impedance: 135 Ω
- Up to 8 km reach (24AWG)
- Connector: Shielded RJ-11

Management

- DIP-switches
- HTTP, SNMPv1 (MIB 1, MIB2)

Ethernet Interface

- One Ethernet port 10/100Base-TX
- Auto-Negotiation 10/100M; Auto-MDIX
- Half/Full duplex (10/100-20/200Mbps)
- Ethernet to HDLC encapsulation
- Frame length up to 1536 bytes
- Connector: Shielded RJ-45

General

- Various Diagnostic LED Indicators
- Power supply: 100~240VAC/36~72VDC
- Power consumption: 3 W
- Size: 142 x 159 x 30 mm
- Weight: 0,6 kg
- Temperature: 0 ÷ 45 °C
- Humidity: 0 ÷ 95% without condensation