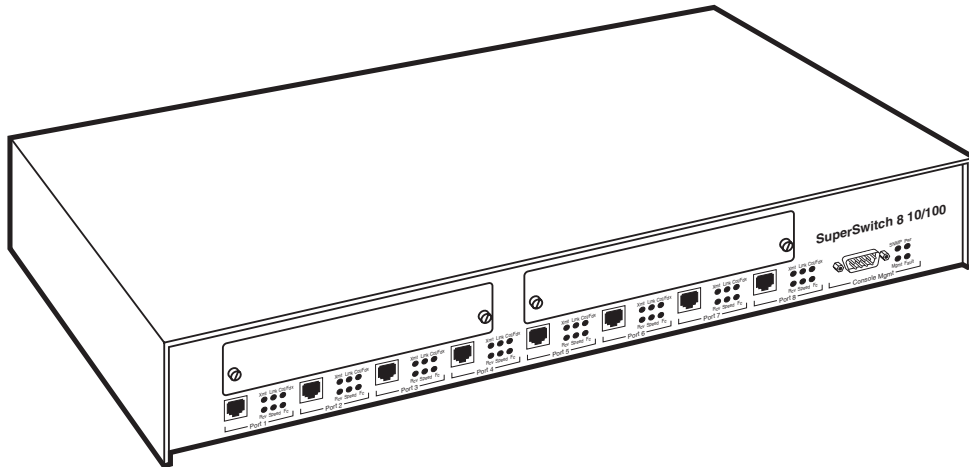


BLACK BOX[®]

NETWORK SERVICES

SuperSwitch 8 10/100



Support high-end workstations up to 200 Mbps in full-duplex mode.

Transmit data up to 110 km over single-mode fiber.

Key Features

- ▶ Eight RJ-45 10BASE-T/100BASE-TX ports.
- ▶ Two high-speed slots for 100BASE-TX/FX, ATM, or Gigabit Ethernet Modules.
- ▶ 1,000,000 pps filtering and forwarding rate.
- ▶ Custom filtering.
- ▶ Direct transfer from source port to destination ports.
- ▶ Selective flow control prevents packet loss on both half- and full-duplex ports.
- ▶ Configure each port half- or full-duplex.
- ▶ Manage via SNMP, Spanning Tree, and RMON.

Overview

Get your data into the flow of things—up to 1,000,000 pps—with the BLACK BOX[®] SuperSwitch 8 10/100.

SuperSwitch 8's parallel store-and-forward architecture, with its direct source-to-destination port transfer, eliminates delays. It handles wire-speed reception—broadcast and multicast frames included. And SuperSwitch 8 maintains a filtering and forwarding rate of 1,000,000 pps.

Use TCP/IP or Novell[®] 4.2? Now you can really get into the flow! SuperSwitch 8's selective flow control prevents lost packets due to buffer overload—on both half- and full-duplex ports.

You get powerful custom filtering, too. SuperSwitch 8's provides virtual LAN capabilities within the Switch. It supports virtual broadcast domains, virtual security domains, and custom filters

based on destination MAC addresses.

SuperSwitch 8's diagnostic LEDs also make your job easier, especially with installation and maintenance.

Management is easy, too—and complete. The Switch supports any SNMP-based network management system. It features the Spanning Tree protocol for the creation of redundant paths and the elimination of network loops. Plus it includes integrated Group 1-3 RMON support.

Each port on the Switch can be configured for full-duplex operation to support high-end workstations. You can establish 200-Mbps point-to-point connections over Fast Ethernet or fiber. Distance limitations due to collision domains are eliminated—and that means you can transmit up to 110 km (more than 68 miles) over single-mode fiber.

Typical Applications

- Interlinking Fast Ethernet hubs
- Creating a Fast Ethernet backbone
- Extending network distance
- Driving high-bandwidth application servers
- Interlinking 10/100 workgroup switches, and 10- and 100-Mbps Ethernet segments

Specifications

Duplex Support —
Half and full

Filter/Forwarding Rate —
1,000,000/1,000,000 pps

Maximum Distance —
Multimode: 2 km;
Single-Mode: 110 km

Speed —
10/100 autosensing

Standards —
IEEE: 802.3u (Fast Ethernet), 802.1d (Bridge/Spanning Tree);
MIB II (RFC 1213)

Uplink — Modular:
(2) 100BASE-TX,
100BASE-FX, ATM or
Gigabit Ethernet

CE Approval — All items listed are approved

Indicators —
Diagnostics: RCV, XMT, LINK, MGMT, CLSN, FC/FD;
Management: SNMP, MGMT, PWR, FAULT

Connectors —
(8) 10/100BASE-T RJ-45,
(1) DB9, (1) SC for single- or multimode

Power —
90–260 VAC, 50–60 Hz

Size —
6.4 x 44 x 35.6 cm

Weight — 5.4 kg

Additional equipment you may need:

- Category 5 Patch Cable (Beige)
10-ft. (3.0-m)
20-ft. (6.1-m)
- Bulk Duplex ST®-ST Fiber Optic Cable, PVC

EVMSL05-0010
EVMSL05-0020
EFN062-CC

For these and other components...

Call our expert Technical Support Staff for all your LAN needs. They'll help you find the best equipment for your application.

Ordering Information

This information will help you place your order quickly.

PRODUCT NAME	ORDER CODE
SuperSwitch 8 10/100.....	LB9330A
SuperSwitch 8 Modules	
Two-Port 100BASE-TX.....	LB9331A-TX
Two-Port 100BASE-FX	
for Multimode Fiber.....	LB9331A-2FX
for Single-Mode Fiber up to 18 km.....	LB9331A-2SMFX
for Single-Mode Fiber up to 40 km.....	LB9331A-2SOFX
One-Port 100BASE-FX	
for Multimode Fiber.....	LB9331A-FX
for Single-Mode Fiber up to 18 km.....	LB9331A-SMFX
for Single-Mode Fiber up to 40 km.....	LB9331A-SOFX
One-Port Gigabit Ethernet	
for Multimode Fiber up to 450 m.....	LB9331A-GB
for Single-Mode Fiber up to 6 km.....	LB9331A-SMGB
for Single-Mode Fiber up to 20 km.....	LB9331A-SOGB