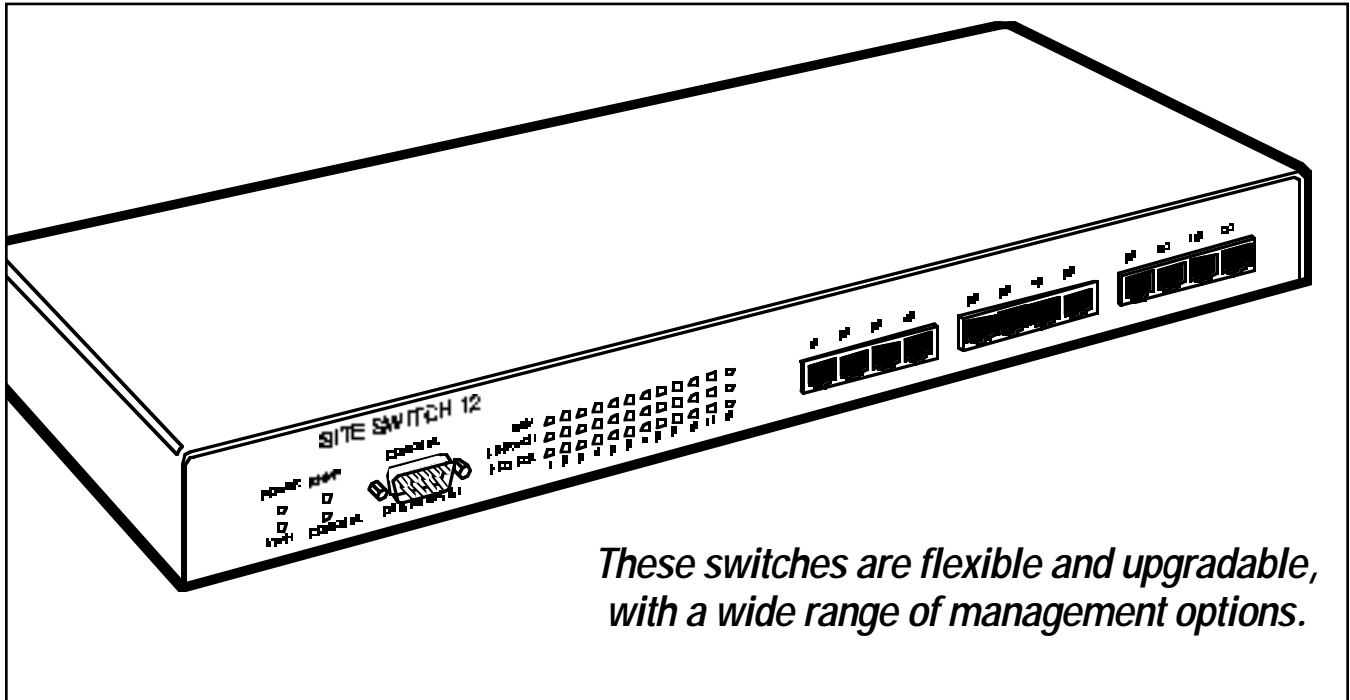


# BLACK BOX<sup>®</sup>

## NETWORK SERVICES

### SITE SWITCHES



*These switches are flexible and upgradable, with a wide range of management options.*

#### Key Features

- ▶ **Wire-speed switching for network segments through 10/100-Mbps Ethernet ports.**
- ▶ **Easy-to-use management capabilities.**
- ▶ **Bandwidth relief to meet your growing network needs.**
- ▶ **Support SNMP, RMON, Telnet, Web-based, and Console-Port management.**

Site Switches easily adjust to your network with increasingly higher bandwidth demands—while offering a low-cost path to switched 100-Mbps service.

With a powerful switching fabric, Site Switches move effortlessly into your network, providing the protection you deserve for your investment. And you'll instantly get the bandwidth relief your network demands as its needs change and grow.

Able to learn and store varying MAC addresses per port, Site Switches can be used as segment switches, connecting subnets of 10BASE-T or 100BASE-TX hubs, or as a collapsed backbone. They can also deliver dedicated 100-Mbps bandwidth to power users while serving as a department switch.

With VLAN capabilities and support for the Spanning Tree protocol, this line of switches

helps make your network more flexible and easier to manage.

Network Management Software (NMS) for the Site Switch line is supported by Site Switch Manager as well as HP OpenView (32 bits) under Windows 95, 98, and NT 4.0. The NMS monitors network performance along with both in-band and out-of-band switching activities.

# Why Buy From Black Box? Exceptional Value. Exceptional Tech Support.

Recognise any of these situations?

- You wait more than 30 minutes to get through to a vendor's tech support.
- The so-called "tech" can't help you or gives you the wrong answer.
- You don't have a purchase order number and the tech refuses to help you.

According to a survey by Data Communications magazine, 90% of network managers surveyed say that getting the technical support they need is extremely important when choosing a vendor. But even though network managers pay anywhere from 10 to 20% of their overall purchase

price for a basic service and support contract, the technical support and service they receive falls far short of their expectations—and certainly isn't worth what they paid.

At Black Box, we guarantee the best value and the best support. You can even consult our Technical Support Experts before you buy if you need help selecting just the right component for your application.

Don't waste time and money—call Black Box today.

## Specifications

**MAC Addresses** — LB2004A, LB2012A: 4096; LB2016A: 2048

**Management** — SNMP, RMON, Telnet<sup>®</sup>, Web-based, and console port

**Memory** — 128 KB per port

**Protocol** — Transparent to higher-layer protocols

**Standards** — IEEE 802.3

**Switching** — Store and forward with error correction

**Connectors** — LB2004A: (3) RJ-45, (1) MM-SC fiber port 100FX; LB2012A: (12) RJ-45; LB2016A: (17) RJ-45

**Indicators** — LB2004A, LB2016A: Per port: 100M, FDX/COL, LINK/ACT; System: Power, VLAN, SNMP, Console; LB2012A: Per port: 100M, FDX/COL, LINK/ACT; System: Power, VLAN, SNMP, Console, Telnet

**Power** — 100–240 VAC, 50–60 Hz, autosensing

**Size** — LB2004A: 4.9H x 32.5W x 21.3D cm (1.9"H x 12.8"W x 8.4"D); LB2012A: 4.3H x 44.2W x 26D cm (1.7"H x 17.4"W x 10.2"D); LB2016A: 4.3H x 44.5W x 26D cm (1.7"H x 17.5"W x 10.2"D)

**Weight** — LB2004A: 2.4 kg (5.3 lb.); LB2012A, LB2016A: 5.4 kg (12 lb.)

## Ordering Information

ITEM	CODE
Site Switches	
4-Port .....	LB2004A
12-Port .....	LB2012A
16-Port .....	LB2016A
<i>You may also need...</i>	
Fiber Module .....	LB2010C