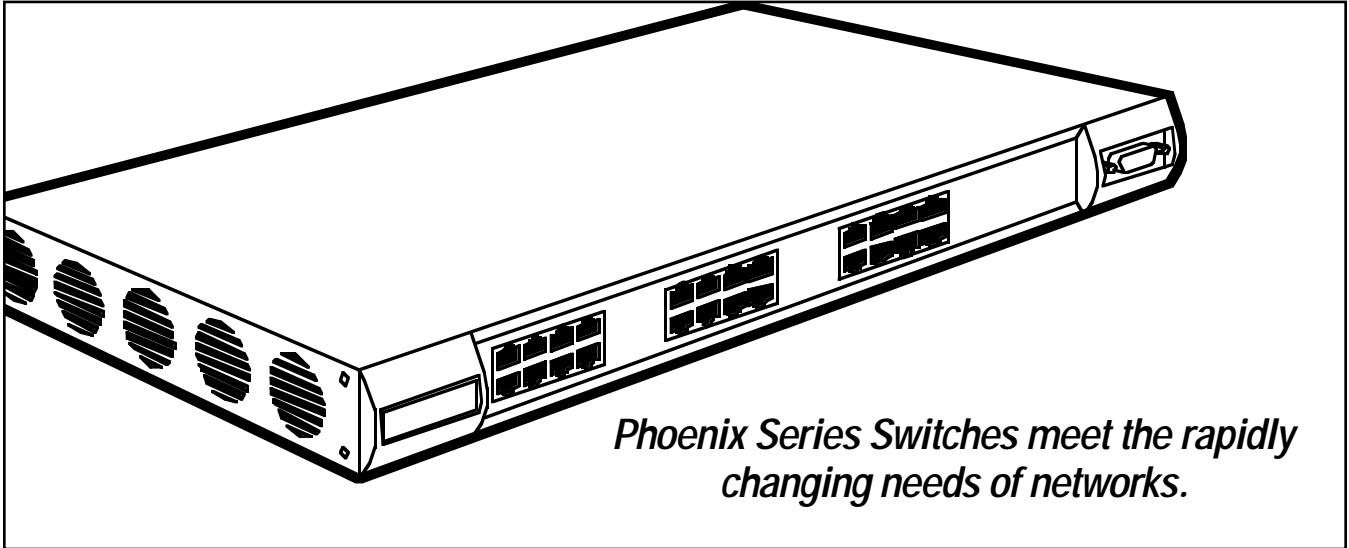


# BLACK BOX<sup>®</sup>

## NETWORK SERVICES

### PHOENIX SERIES SWITCHES



*Phoenix Series Switches meet the rapidly changing needs of networks.*

#### Key Features

- ▶ **Perfect for small to mid-sized businesses.**
- ▶ **Multiple full-duplex ports with expansion options.**
- ▶ **Ideal for the changing needs of growing companies.**
- ▶ **Layer 2 and Layer 3 switching with precision and flexibility.**
- ▶ **IP routing.**
- ▶ **Store-and-Forward architecture.**

Whether you need a gigabit switch with traffic-enhancing capabilities or a stackable master switch, you'll find exactly what you're looking for with Phoenix Series Switches.

Offering a variety of features to meet the needs of ever-changing networks, these switches are perfect for the needs of rapidly growing companies.

Models available include:

- Phoenix Series 6-Port/12-Port Gigabit Switch — The ultimate in economy and performance, the 6-port switch conserves bandwidth and improves the flow of traffic in your network. It offers the option to add an expansion module to link to network segments or a data center. Also available in a 12-port version, this wire-speed, multilayer switch is higher

density with versions for short- or long-haul fibre connections.

- Phoenix Series 24-Port Layer 3 Switch with Expansion Slots — This stackable Fast Ethernet switch (LB2426A) has 24 10/100BASE-TX ports, WAN interfaces, and two optional Gigabit uplinks. Offering a powerful 64-Gbps switching fabric, this Layer 2/Layer 3 switch is flexible enough making it ideal for the wiring closet. A master switch, it offers a unique stacking design between its slaves to guarantee full wire-speed on all ports throughout a stack.

Also available is another 24-port Layer 2/Layer 3 standalone model with two optional Gigabit ports. This switch serves as a highly reliable concentrator for a collapsed backbone in a small business. Also known for its

top-rated performance, it offers traffic-enhancing capabilities such as IP routing, Quality of Service (QoS) traffic classes, and IP Multicast.

- Phoenix Series 24-Port Layer 3 Switch — Used to increase port density in a Layer 2/Layer 3 stack, this Fast Ethernet switch delivers the performance of an expensive chassis system in a money-saving stackable design. This master switch can be used to build a four-unit stack scaling from 48 to 96 ports.

The same switch is available in an 8-port version. It can also be used to build a four-unit stack scaling from 32 to 80 ports, perfect for growing companies who benefit from fibre and twisted-pair cabling.

# Specifications

**Speed** — 10/100/1000

**Switching Engine** — Store and forward

**Management** — Spanning Tree; RMONv1 Groups 1, 2, 3, 9; SNMPv1 including MIB-II, Etherlike MIB, Bridge MIB, and a private MIB for full control of VLANs, Routing, and Quality of Service (QoS); Password entry

**Memory** —

LB2406G, LB2412G, LB2426A, LB2425A: Gigabit ports: 512 KB dedicated per port; 10/100 ports: 512 KB per eight ports, allocated dynamically;

LB2424A, LB2408A-FO: 512 KB per eight ports, allocated dynamically

**Standards** —

LB2406G, LB2412G, LB2426A, LB2425A: IEEE 802.3u 100BASE-TX, 100BASE-FX, IEEE 802.3z 1000BASE-SX, IEEE 802.3x Flow Control, IEEE 802.1Q VLAN Tagging, IEEE 802.1D Bridging, QoS, Multicast Groups;

LB2424A: IEEE 802.3u 100BASE-TX, IEEE 802.3x Flow Control, IEEE 802.1Q VLAN Tagging, IEEE 802.1D Bridging, QoS, Multicast Groups;

LB2408A-FO: IEEE 802.3u 100BASE-FX, IEEE 802.3x Flow Control, IEEE 802.1Q VLAN Tagging, IEEE 802.1D Bridging, QoS, Multicast Groups

**Connectors** — All: RJ-45 UTP; LB2408A-FO: MT-RJ

**Indicators** — All: Link/Activity; LB2406G, LB2425A: Power, Ready (management)

**Power** — 100–240 VAC, 50–60 Hz

**Size** — LB2406G, LB2412G: 44.5H x 13W x 35.6D cm (17.6"H x 5.25"W x 14"D);

LB2426A: 44.5H x 13W x 36.6D cm (17.6"H x 5.25"W x 14.4"D);

LB2425A: 44.5H x 6.5W x 35.6D cm (17.6"H x 2.6"W x 14"D);

LB2424A, LB2408A-FO: 44.5H x 4.4W x 35.6D cm (17.6"H x 1.75"W x 14"D)

# Ordering Information

ITEM	CODE
Phoenix Series Switches	
6-Port Gigabit.....	LB2406G
12-Port Gigabit.....	LB2412G
24-Port Layer 3 (Master with 4 Expansion Slots).....	LB2426A
24-Port Layer 3 (Master with 1 Expansion Slot).....	LB2425A
24-Port Layer 3 (Slave).....	LB2424A
8-Port FX Layer 3 (Slave).....	LB2408A-FO

You may also need...

Redundant Power Supply.....	LB2400A-RPS
Modules for Phoenix Series Switches	
1-Port SX Gigabit (for LB2425A).....	LB2401C
1-Port SX Gigabit (for LB2426A).....	LB2402C
6-Port SX Gigabit (for LB2406G).....	LB2403C
16-Port 10/100 (for LB2406G and LB2412G).....	LB2404C