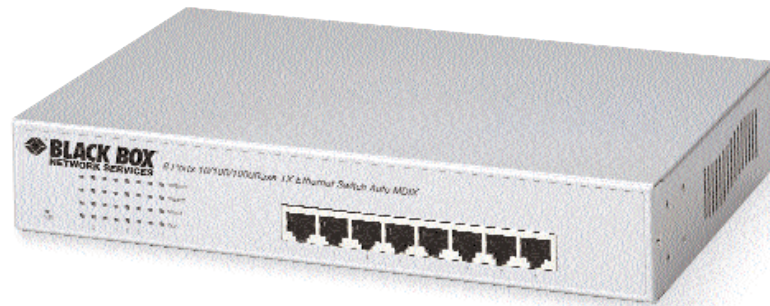




# BLACK BOX<sup>®</sup>

## NETWORK SERVICES

### Plug and Play Ethernet Switches with Internal Power Supply - 1000Mbps



#### Key Features

- ▶ (5) or (8) 10/100/1000Base-T ports.
- ▶ Auto MDIX function on each port.
- ▶ Non-blocking & Non-head-of-line Blocking.
- ▶ Full wire speed forwarding.
- ▶ 9KB Jumbo frame support.
- ▶ Supports Broadcast Storm filtering.

The LBS206AE and LBS209AE-R2 blend plug-and-play simplicity with exceptional performance and reliability. Using these switches, a Network designer can create a cost effective solution for bandwidth-starved workgroups and departments. With (5) or (8) 10/100/1000Mbps ports, this switch family is designed to help provide a simple and economical migration path from 10BASE-T or 100BASE-TX to 1000BASE-T Gigabit. It's an ideal solution for the most demanding bandwidth intensive applications and can be used as a cost effective gigabit wiring closet solution or a high performance backbone aggregation device.

#### What's included:

- (1) Switch
- (1) Power Cord, 1.8-m
- (1) Printed Manual

# Specifications

**Standards** —

IEEE 802.3 10Base-T Ethernet; IEEE 802.3u 100Base-TX; IEEE 802.3ab 1000Base-T Gigabit Ethernet, IEEE 802.3x Full-duplex flow control

**Switching Mechanism** —

Store-and-Forward

**Indicators** —

Per port: LEDs indicating Activity, Speed and FDX/HDX; Per switch: Power LED

**Buffer Memory** —

128KB SRAM

**Packet Filtering/Forwarding rates** —

1000-Mbps: 1,488,100 pps; 100-Mbps: 148,810 pps; 10-Mbps: 14,880 pps

**MAC addresses** —

4KB MAC address entries

**Number of ports** —

(5) or (8) 10/100/1000Mbps auto-negotiation MDI/MDX ports

**Connectors** —

(5) or (8) RJ-45 STP

**Temperature Tolerance** — Operating: 0 to +60°C; Storage: -20 to +90°C

**Humidity Tolerance** —

Operating: 10 to 90% non-condensing

**Power** —

90-260 VAC, 50-60 Hz

**Size** —

44H x 228W x 123D mm, Rackmount brackets included

**Weight** —

LBS206AE:1Kg; LBS209AE-R2:1,2 Kg

**Safety and EMI certificates** —

CE & FCC-A

## Ordering information

ITEM	PORTS	HOUSING	CODE
<b>Ethernet Switch10/100/1000 Mbps</b>			
	5	desktop	.....LBS206AE
	8	desktop	.....LBS209AE-R2

## Black Box Network Services - The world's largest network services company

We are, with 25 years of experience, the world leader in network infrastructure services.

**On the Phone** — no charge, answer calls in less than 20 seconds, find the right product with our technical experts.

**On-site** — superior design and engineering, Certified installations, end-to-end service.

**On-line** — receive technical knowledge on-line, including technology overviews, Black Box Explains and the Knowledge Box.

**Most comprehensive TECHNICAL SUPPORT** — our best Product! Free hotline TECH SUPPORT!

**The world's best customer service** — Custom design services and products, the best warranties, money-saving discount programs.

**BLACK BOX exclusives** — Certification Plus. Guaranteed-for-life products and services.