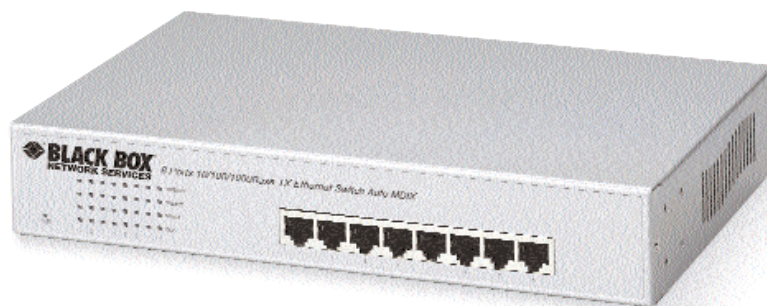# BLACK BOX®
NETWORK SERVICES

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
Ethernet Switch10/100/1000 Mbps			
	5	desktop	. . . . .LBS206AE
	8	desktop	. . . . .LBS209AE-R2

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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.

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