



BLACK BOX[®]

NETWORK SERVICES

3-Port 10/100Base-TX to 100BASE-FX Managed Converting Switch



Key Features

- ▶ 1 x 100BASE-FX SC port
- ▶ 3 x 10/100BASE-TX RJ-45 port
- ▶ Comply to IEEE802.3/3u 10/100BASE-TX & 100BASE-FX
- ▶ Store & forward switching mechanism
- ▶ RJ-45 support auto-negotiation and MDI-MDIX auto-crossover
- ▶ IEEE 802.3x compliant Flow control
- ▶ Port based VLAN and IEEE 802.1Q Tagging VLAN supported
- ▶ Port based Priority and 802.1P Priority supported
- ▶ Support Broadcast storm control function
- ▶ Port Rate control and Port mirror supported
- ▶ Support SNMP, Console port, Telnet management function
- ▶ Support TFTP/FTP firmware upgrade
- ▶ Plug-and-Play installation
- ▶ LED indication: Power, Status, Link/Act, FDX/COL, 100M

The LBS304AE contain 1 100M Fiber port plus 3 10/100M UTP ports. This managed converter allow user to extend or interconnect their copper based Fast Ethernet network.

The LBS304AE adapts the switching technology and function just like a managed switch instead of a traditional converter. The LBS304AE provide wire-speed, store and forward switching and other advanced features, such as Flow control, Port based or 802.1Q Tagging VLAN, rate control, etc.

The LBS304AE is easy to install and maintain. Operation status may be view by a set of clear, per-port LED or through the built-in management module locally via console or remotely via SNMP, Telnet management. LBS304AE also support TFTP/FTP firmware upgrade.

Specifications

Standards — IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX & 100BASE-FX

Interface — 1 x 100BASE-FX SC port, 3 x 10/100BASE-TX RJ-45 port

Power — External Power adapter, Input:100-240VAC, 50-60Hz, Output: 12VDC

Diagnostic LEDs — Power, Status, Link/Act, FDX/COL, 100M

Connector Type — SC

Fiber Type — Multimode

Wavelength — 1310nm

Typical Distance — 2km

Min. TX Power — -19.0dBm

Max. TX Power — -14.0dBm

Sensitivity — -30.0dBm

Link Budget — 11.0dBm

Dimensions — (WXDXH) 220x146x34mm

Temperature — Operating : 0 - +50oC
Storage : -20 - +60oC

Humidity — 5%-95% non-condensing

Emission — Electrical: UL, CUL, EMI: FCC Class A, CE

Ordering information

ITEM	CODE
Mini Fiber Switch	LBS304AE

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