



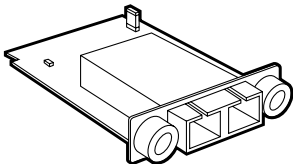
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*1000 Park Drive • Lawrence, PA 15055-1018 •
724-746-5500 • Fax 724-746-0746*



OCTOBER 2005
LGB2007C-SC
LGB2007C-ST
LGB2007C-SSC

**SC or ST[®] Multimode, and SC
Single-Mode Fiber Modules for
24-Port + 1 Fiber Module Slot
Fast Ethernet Switch
with VLAN**



CUSTOMER SUPPORT INFORMATION

Order **toll-free** in the U.S.: Call **877-877-BBOX** (outside U.S. call **724-746-5500**)

FREE technical support 24 hours a day, 7 days a week:

Call **724-746-5500** or fax **724-746-0746**

Mailing address: **Black Box Corporation**, 1000 Park Drive,
Lawrence, PA 15055-1018

Web site: **www.blackbox.com** • E-mail: **info@blackbox.com**

Specifications

Standards: IEEE 802.3u 100BASE-FX

Speed: 100 Mbps half-duplex, 200 Mbps full duplex

Maximum Distance: LGB2007C-SC,
LGB2007C-ST: 1.3 mi. (2.1 km) over 50-, 62.5-,
or 125- μ m multimode fiber;
LGB2007C-SSC: 12.6 mi. (20.3 km) over 8-, 9-,
or 125- μ m single-mode fiber

Data Forwarding Rate: 148,800 per port at
100% wire speed

Power: From the interface

Size: 0.8"H x 2.2"W x 2.3"D (2 x 5.6 x 5.8 cm)

Weight: 1.5 oz. (42.5 g)

Overview

These fiber modules work with the 24-Port +1 Fiber Module Slot Fast Ethernet Switch with VLAN (LGB2007A). The fiber modules have a jumper to select full or half-duplex mode. Multimode models can be used with 50-, 62.5-, or 125- μ m multimode fiberoptic cable;

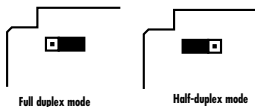
the single-mode model works with 8-, 9-, or 125- μm single-mode fiberoptic cable.

Configuration and Operation

The fiber module operates automatically once you set the duplex jumper. The figure below shows the jumper positions for full and half-duplex modes.

Place the duplex jumper in the full or half-duplex mode position. After you position the duplex jumper, power off, then power on the module.

If the module won't work, make sure you're using fiberoptic crossover cable.



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