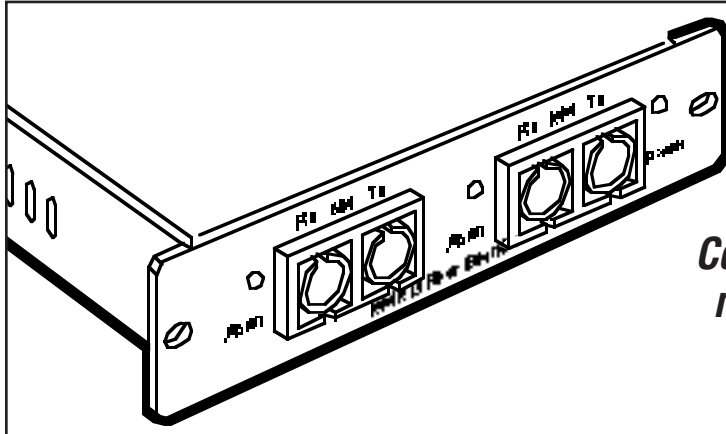




BLACK BOX[®]

NETWORK SERVICES

CampusLIGHT Multimode/Single-Mode Fibre Extender



Converts multimode fibre to single-mode fibre for extended-distance (up to 60-km) applications.

Key Features

- ▶ **Extends multimode fibre up to 60 km over a single-mode link.**
- ▶ **Works with protocols including Fast Ethernet, 155-Mbps ATM, FDDI, and High-Speed Token Ring.**

With the CampusLIGHT Multimode/Single-Mode Fibre Extender you can convert short-range multimode fibre links into long-range single-mode fibre links. It supports 155-Mbps ATM, High-Speed Token Ring, FDDI, and Fast Ethernet protocols. Use a pair to multiply your transmission range by 20 or even 30.

Multimode fibre connections can only run across distances up

to 2 km. Single-mode runs can extend your campus as far as 40 km for the Standard Optics model and 60 km for the High-Power Optics model.

Standard SC fibre connectors on both the multimode and single-mode interfaces allow easy installation, as does the unit's compact size. The CampusLIGHT Multimode/ Single-Mode Fibre Extender can be used either as a standalone unit or mounted in a 19" Power Rack (4- and 16-slot CampusLIGHT rack frames are

available, as well as compatible power supplies).

This unit is protocol independent—it works with Ethernet, Fast Ethernet, Token Ring, High-Speed Token Ring, 25- and 155-Mbps ATM, FDDI, and other 1300-nm interfaces based on multimode protocols between 10 and 155 Mbps.

Specifications

Distance — Multimode: 2 km; Single-Mode: LCL115A-155: 40 km; LCL115A-155P: 60 km

Humidity — Maximum 95% noncondensing

Connectors — (2) pair SC

Indicators — (3) LEDs: (1) green: Power; (2) red: diagnostic alarms for multimode and single-mode interfaces (one for each)

Protocols — 155-Mbps ATM, FDDI, Fast Ethernet, High-Speed Token Ring, and more

Operating Temperature — 0 to 40°C

Power — 230 VAC, 50Hz, external power supply

Size — 2.5H x 9.9W x 14.2D cm (1"H x 3.9"W x 5.6"D)

Weight — 1.2 kg

Ordering Information

ITEM	CODE
CampusLIGHT Multimode/Single-Mode Fibre Extender Standard Optics.....	LCL115A-155
High-Power Optics	LCL115A-155P