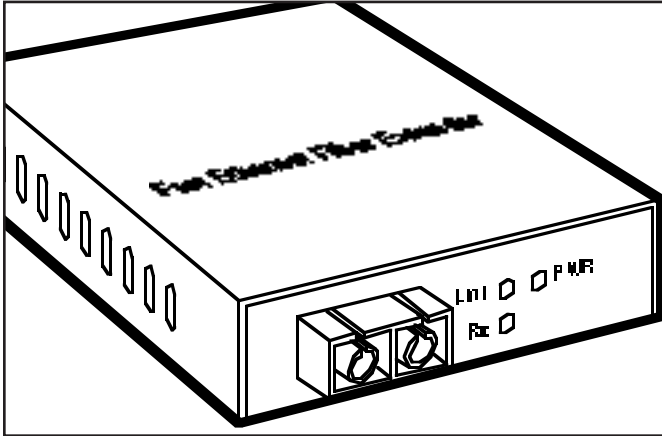




BLACK BOX[®]

NETWORK SERVICES

CampusLIGHT Fast Ethernet Fibre Extender



Extend your 100BASE-TX connections up to 60 km over fibre!

Key Features

- ▶ **Extends a 100BASE-TX network up to 60 km over a single-mode or multimode fibre link.**
- ▶ **Half- or full-duplex operation.**
- ▶ **Mounts in Campus-LIGHT Power Rack.**

The CampusLIGHT Fast Ethernet Fiber Extender can convert your 100BASE-TX wiring to extend your campus as far as 60 km across a fibre link. Use it with switches, routers, stations, and servers.

Every CampusLIGHT Fast Ethernet Fibre Extender includes two RJ-45 ports—one straight-through, one crossover—for connecting to your 100BASE-TX

network. That way, you can use standard straight-through UTP cable, no matter what device you're connecting to. Of course, only one RJ-45 jack on the extender can be used at a time.

These extenders operate in both half- and full-duplex modes, and they're compatible with all VLAN networks (no frame-size limit). Multimode connections can span up to 2 km, and single-

mode links can reach up to 60 km.

The compact CampusLIGHT Fast Ethernet Fibre Extenders can be either standalone units or mounted in a 19" Power Rack (4- and 16-slot CampusLIGHT rack frames are available, as well as compatible power supplies).

Specifications

- Distance** — Fibre: Multimode: 2 km; Single-Mode: 60 km; UTP: 100 m
- Operation** — Half or full duplex
- Protocol** — 100BASE-TX, 802.3u
- Speed** — 100 Mbps
- Connectors** — (2) RJ-45: (1) straight-through, (1) crossover; (2) duplex SC or ST[®]: (1) transmit, (1) receive
- Indicators** — LEDs: Fibre Interface: Link, RxD; Copper Interface: Link,

- RxD, Power
- Temperature** — Operating: 0 to 40° C (32 to 104° F)
- Humidity** — Up to 95%, noncondensing
- Power** — 230 VAC, 50 Hz, external power supply
- Size** — 2.5H x 7.6W x 11.7D cm (1"H x 3"W x 4.6"D)
- Weight** — 1.2 kg

Ordering Information

ITEM	CODE
CampusLIGHT Fast Ethernet Fiber Extender	
Multimode/ST	LCL114A-FEMM
Single-Mode/ST	LCL114A-FESM
Single-Mode/SC	LCL114A-FESMC