BLACK BOX®
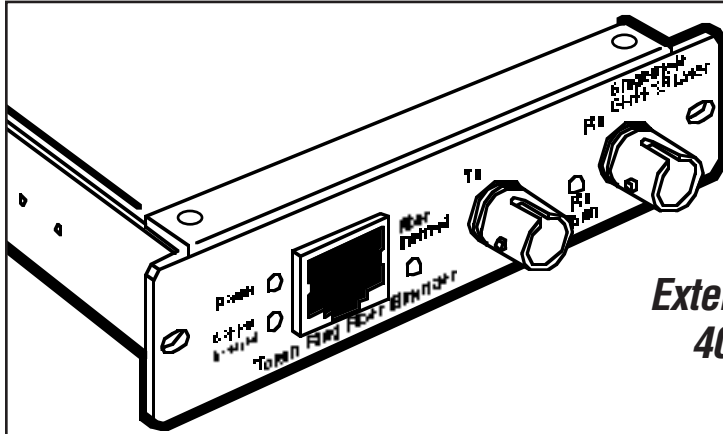## NETWORK SERVICES

CampusLIGHT Token Ring Fibre Extenders

Extend your Token Ring network up to 40 km across single-mode fibre.

Key Features

▶ ***Extend your Token Ring LAN connections up to 40 km across single-mode fibre.***

▶ ***Standard autosensing 4- or 16-Mbps or High-Speed 100-Mbps operation.***

CampusLIGHT Token Ring Fibre Extenders can connect any combination of Token Ring NICs, switches, servers, hubs, MAUs, and bridges across up to 40 km (24.9 mi.) with single-mode fibre. They provide easy-to-install LAN extensions with the security and reliability of fibre connectivity.

Units have either two ST® or two SC ports (one to transmit signals and one to receive them) for fibre connection. For Token Ring connections, an RJ-45 port is also provided to accommodate either 100Ω UTP or 150Ω STP Category 5 cable.

For 4- or 16-Mbps networks, choose the standard CampusLIGHT Token Ring Fibre Extender with ST connectors. It's autosensing, so you won't accidentally configure the wrong speed.

For 100-Mbps High-Speed Token Ring, choose the High-Speed Token Ring model with SC connectors.

Both compact CampusLIGHT Token Ring Fibre Extenders can be either standalone units or mounted in a 19" CampusLIGHT Power Rack. Four- and 16-slot rack frames are available, as are two compatible power supplies—request FaxBack #22866 for more information.

Specifications

Distance — Fibre: 40 km; Copper 100 m

Humidity — Maximum 95% noncondensing

Protocols — LCL112A-TR: Token Ring 802.5, 802.5j; LCL111A-HSTR: Token Ring 802.5u

Speed — LCL112A-TR: 4 or 16 Mbps; LCL111A-HSTR: 100 Mbps

Operating Temperature — 0 to 40° C (32 to 104° F)

Connectors — Both: (1) RJ-45; LCL112A-TR: (1) pair ST; LCL111A-HSTR: (1) pair SC

Indicators — LEDs: Power, Rx Alarm, Copper Inserted, Fiber Inserted

Power — 230 VAC, 50 Hz, 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 Token Ring Fibre Extenders	
Single-Mode/ST	LCL112A-TR
High-Speed, Single-Mode/SC	LCL111A-HSTR