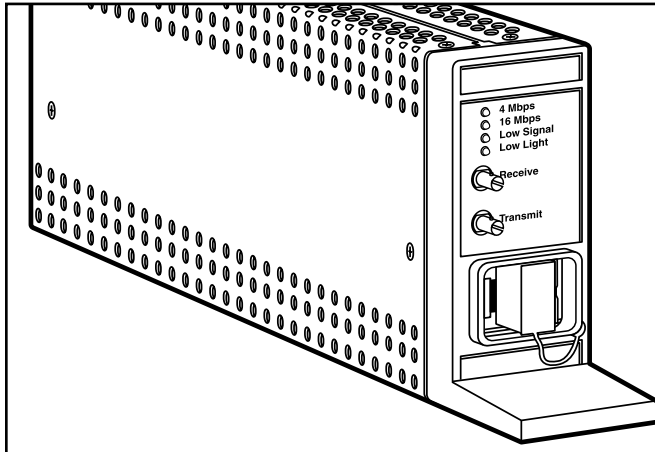


BLACK BOX[®]

NETWORK SERVICES

TOKEN RING FIBRE OPTIC CONVERTERS FOR MAUS



Use these fibreoptic converters to extend your 4- or 16-Mbps Token Ring network up to 2 miles (3.2 km).

Key Features

- ▶ **Set up fiber links for Token Ring networks as far apart as 2 miles (3.2 km).**
- ▶ **Preconfigured for RI/RO, Type 1 cable connections.**
- ▶ **Complies with IEEE 802.5 standard.**

These new converters from Black Box enable you to link two Token Ring networks through a duplex fibre optic link.

Here's how they work. The Ring-In model connects to your MAU with Type 1 cable. It then creates a duplex fibre link to the Ring-Out model, which is also connected to a MAU with Type 1 cable. The resulting connection between the Token Rings can be extended up to two miles (3.2 km).

If any of the system components fail—the ring, the fiber link, or the network—the converter removes itself from the ring, returning the system to its original dual-ring structure.

To save cross-network communication in a situation like this, use four of these repeaters to provide a back-up data path in your system.

These converters work with Type 1 and Type 3 Token Ring networks running at 4 or 16 Mbps.

Specifications

Compliance: CE, FCC Part 15 Subpart J Class A, UL, VDE, and CSA specifications

Data Rate: 4 or 16 Mbps, switch selectable

Maximum Distance: 2 mi. (3.2 km)

Indicators: (4) LEDs: 4 Mbps, 16 Mbps, Low Light, Low Power

Interfaces: Copper: STP; Optical: Dual Fibre

Connectors: (1) Data Connector; (2) ST[®]

Power: Universal: 110-230 VAC, 50/60 Hz; Consumption: <25W; Fuse: 800 mA

Size: 5.3 x 15.2 x 27.1 cm

Weight: 1.1 kg

Ordering Information

ITEM	CODE
Token Ring Fibre Optic Converter for MAUs	
Ring In.....	31478
Ring Out.....	31915

NOTE: These units must be used in pairs.



Black Box offers the best warranty program in the industry—Fido Protection[®]. For more information, request FaxBack 22512.